Sealants & Technical Adhesives

2025

FIXA®
CONSTRUCTION CHEMICALS

FİXA CONSTRUCTION CHEMICALS was founded in İstanbul, Türkiye in 2001 on the principle that modern buildings can only be built with high quality construction materials.

Thanks to our commitment to research and development, FİXA quickly became one of the most important brands in the industry. In the past 24 years, alongside our first factory in Istanbul, the company has established factories in Adana (2009), Ankara (2011) and in 2013 launched a production facility for MS hybrid, polyurethane and silicone products introducing the Turkish construction sector to high technology and innovative solutions.

Through our subsidiary İGLOTEK Thermal Insulation Systems, FİXA has been manufacturing high qualified white and grey EPS insulation boards since 2011, meeting the demands of the thermal insulation industry.

All of FİXA's products are produced in fully computer automated, modern facilities with an annual capacity of 350,000 tons of powder products, 5,000 tons of liquid products, 5,000 tons of silicone sealants-mastics and 350,000 m^3 of EPS.

The 11 main product groups of FİXA are: Waterproofing Systems, Sealants, Repair, Reinforcement and Restoration Systems, Floor Systems, Thermal Insulation Systems, Concrete and Mortar Admixtures, Mold Release Agents and Curing Compounds, Cement Based Plasters and Bonding Mortars, Tile and Ceramic Adhesives, Tile Grouts and Technical Adhesives.

FİXA always places product quality at the forefront to meet customer needs and expectations, invests heavily in R&D, training and quality control systems. All raw materials, semi-finished and finished products are quality controlled before leaving the factory. In addition to CE and TSE quality certificates, FİXA holds ISO 9001:2015 certification and other internationally recognized quality certificates.

With a widespread dealer network across Türkiye, FİXA continues to strengthen its export facilities with the growing distributor network and exports to more than 30 countries from South and Central America to Africa.

In 2022, FİXA Construction Chemicals UK was established to serve the entire European market as a dedicated distribution company.

FİXA emphasizes the correct application of the right product. Our professional sales teams and technical support units are on hand to assist customers ensure proper product selection and application.

As FİXA enters our 25th year, we continue to offer high quality products not only for construction but also for the automotive and various industrial sectors. Driven by our belief in R&D, commitment to product quality and strategic investments, FİXA's advancing toward our goal of becoming the leading brand in construction chemicals. With a quarter century of experience, we will continue to provide reliable, top quality service to the construction industry.

OUR FACTORIES

CONSTRUCTION CHEMICALS

İstanbul Factory

Outdoor Area	11,000 m^2
Closed Area	6,000 m^2
Production Capacity	150,000 ton/year (powder product)
	5,000 ton/year (liquid product)
	5,000 ton/year (MS-silicone sealant)

Adana Factory

Outdoor Area	4,000 m^2
Closed Area	3,000 m^2
Production Capacity	80,000 ton/year (powder product)

Ankara Factory

Outdoor Area	7,200 m^2
Closed Area	4,800 m^2
Production Capacity	120,000 ton/year (powder product)

EPS

İstanbul Factory

Outdoor Area	4,500 m^2
Closed Area	5,000 m^2
Production Capacity	350,000 m^3/year (EPS)

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Products (Alphabetical Order)

SEALANTS

POLYMERA® MS 925

MS Polymer Based Sealant (LM)

Description:
MS Polymer based, single component, **low modulus (LM)**, elastic, solvent and isocyanate free hybrid construction sealant.

Application Areas:
- Indoor and outdoor,
- All indoor and outdoor dilatation joints of high buildings,
- All kinds of cladding facade joints,
- Rain gutters and construction intersections for sealing,
- Bathrooms and kitchens, in joints of shower enclosures, baths, washbasins and sinks etc.
- Joint combinations of glass, ceramic, tiles and glazed surfaces,
- Joint combinations of metal, aluminum, wood and glass,
- Joints of stainless, galvanized or black steels,
- Filling joints of natural materials such as marble, natural stone and granite,
- Intersection details of prefabricated elements,
- Sealing of window, door and roofs.

Advantages:
- **Single component**, easy to apply.
- Highly elastic, can strectch more than 5 times of its length and turns to its original form without being distorted.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Thanks to **its low modulus (LM)** and **high adhesion** property, it tolerates small movements and protects its sealing properties in joints.
- Does not bleed oil into construction materials such as marble, natural stone, granite.
- Does not lose volume or mass when cured.
- Does not cause bubbles following applications on damp surfaces.
- Durable as it does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off.
- Can be overpainted with waterborne and other types of paints.
- Prevents mold and fungus formation.
- Cures neutrally, the odor does not disturb.
- Adheres perfectly on many surfaces without primer.
- Protects its elasticity even at low and high temperatures (-40°C and +80°C) once cured.

Consumption:

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	Consumption g (for 1 m)
6	6	36	50.40
10	10	100	140
20	12	240	336

Packaging:
290 ml cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity MS polymer sealant
Color	: Pls. see the color chart on page 39
Density	: 1.40 ± 0.05 g/cm^3
Joint Movement	: ± 25% (TS EN ISO 11600)
Hardness (Shore A)	: 28 ± 3 (DIN 53505)
Surface Dry Time	: 200 ± 30 minutes
Curing Rate	: 2.5 - 3 mm / 24 hours
Elongation at Break	: > 500% (7 days) (DIN 53504)
100% Modulus	: < 0.40 N/mm^2
Application Temperature	: Between +5°C and +35°C
Service Temperature	: Between -40°C and +80°C

POLYMERA® MS 940

MS Polymer Based Sealant (HM)

Description:
MS Polymer based, single component, **high modulus (HM)**, elastic, solvent and isocyanate free hybrid construction sealant and adhesive. It is developed to provide **adhesion** and **sealing** in roof, facade, sandwich panel, container, wood, metal, composite and prefabricated assembly works.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical joint combinations and dilatation joints,
- Roof and terrace dilatations and in joints of parapet corners,
- To absorb vibrations in intersection details and joints of cabin and body of containers, truck booths etc.
- Intersection details of prefabricated elements,
- Assembly and insulation of sandwich panels in roofs and facades,
- Bathrooms and kitchens, in joints of shower enclosures, baths, washbasins and sinks etc.
- Joint combinations of glass, ceramic, tiles and glazed surfaces,
- Joint combinations of metal, aluminum, wood and glass,
- Joints of stainless, galvanized or black steels,
- Filling joints of natural materials such as marble, natural stone and granite,
- Assembly and sealing of wood, metal, PVC, concrete, fiber cement board and various composite cabins, construction and container intersections.

Advantages:
- **Single component**, easy to apply.
- Highly elastic, can strectch more than 4 times of its length and turns to its original form without being distorted.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Thanks to **its high modulus (HM)** and **high adhesion** property, it tolerates rigorous movements and protects its adhesion and sealing properties in joints.
- Does not bleed oil into construction materials such as marble, natural stone, granite.
- Does not lose volume or mass when cured.
- Does not cause bubbles following applications on damp surfaces.
- Durable as it does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off.
- Can be overpainted with waterborne and other types of paints.
- Prevents mold and fungus formation.
- Cures neutrally, the odor does not disturb.
- Adheres perfectly on many surfaces without primer.
- Protects its elasticity even at low and high temperatures (-40°C and +80°C) once cured.

Consumption:

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	Consumption g (for 1 m)
6	6	36	49.32
10	10	100	137
20	12	240	329

Packaging:
290 ml cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity MS polymer sealant
Color	: Pls. see the color chart on page 39
Density	: 1.37 ± 0.05 g/cm^3
Hardness (Shore A)	: 40 ± 5 (DIN 53505)
Surface Dry Time	: 70 ± 30 minutes
Curing Rate	: 3 mm / 24 hours
Elongation at Break	: > 400% (7 days) (DIN 53504)
100% Modulus	: > 0.50 N/mm^2
Application Temperature	: Between +5°C and +35°C
Service Temperature	: Between -40°C and +80°C

PU 970

Polyurethane Low Modulus Sealant (LM)

Description:
Polyurethane based, single component, **low modulus (LM)** sealant which is an ideal product for **static** and **dynamic** expansion joints of construction elements.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical dilatation joints,
- Roof and terrace dilatations and joints of parapet corners,
- Intersection details of prefabricated elements,
- Between precast wall panels,
- As a sealant in joints of PVC, wood, metal, aluminum and plastic joinery.

Advantages:
- Easy to apply and its surface can be smoothed.
- Has high stretching properties and turns its original form.
- Has perfect and permanent elasticity and adhesion strength.
- Tolerates even small movements of the building thanks to its low modulus.
- Hardens with the moisture in the air.
- Can be overpainted.
- Becomes waterproof when cured.
- Resistant to aging.
- Thixotropic, does not sag.

Consumption:
Varies depending on the joint width.

Packaging:
280 ml aluminum cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity polyurethane sealant
Color	: Pls. see the color chart on page 39
Density	: 1.15 ± 0.05 g/cm^3 (DIN 53479)
Surface Dry Time	: 90 ± 30 minutes
Application Temperature	: Between +5°C and +35°C
Curing Rate	: 2 mm / 24 hours
Elongation at Break	: > 1000% (14 days) (DIN 53504)
Hardness (Shore A)	: 25 ± 5 (DIN 53505)
Tensile Strength	: > 1.5 N/mm^2 (DIN 53504)
100% Modulus	: > 0.40 N/mm^2 (DIN 53504)
Volume Change	: ~ 5%
Sagging	: < 2 mm (DIN EN ISO 7390)
Service Temperature	: Between -30°C and +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

PU 971

Polyurethane High Modulus Sealant (HM)

Description:
Polyurethane based, single component, **high modulus (HM)** sealant and adhesive which is developed to provide **adhesion** and **sealing** in roofs, facades, sandwich panels, containers, wood, metal, composite and prefabricated structural elements.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical joint combinations and dilatation joints,
- Roof and terrace dilatations and in joints of parapet corners,
- To absorb vibrations in intersection details and joints of containers, truck cabins etc.
- Intersection details of prefabricated elements,
- Assembly and insulation of sandwich panels in roof and facades,
- Assembly and sealing of wood, metal, PVC, concrete, fiber cement board and various composite cabins, construction and container intersections.

Advantages:
- Easy to apply and its surface can be smoothened.
- Has high stretching properties and turns to its original form.
- Has perfect and permanent elasticity and adhesion strength.
- Has high shock absorption and high resistance to load and friction.
- Hardens with the moisture in the air.
- Can be overpainted.
- Becomes waterproof when cured.
- Resistant to aging.
- Thixotropic, does not sag.
- Resistant to water, salted water, weak acids and bases and waterborne cleaners.

Consumption:
Varies depending on the joint width.

Packaging:
280 ml aluminum cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity polyurethane sealant
Color	: Pls. see the color chart on page 39
Density	: 1.15 ± 0.05 g/cm³ (DIN 53479)
Surface Dry Time	: 70 ± 30 minutes
Application Temperature	: Between +5°C and +35°C
Curing Rate	: 2 mm / 24 hours
Elongation at Break	: > 800% (14 days) (DIN 53504)
Hardness (Shore A)	: 40 ± 5 (DIN 53505)
Tensile Strength	: > 2 N/mm² (DIN 53504)
100% Modulus	: > 0.50 N/mm² (DIN 53504)
Volume Change	: ~ 5%
Sagging	: < 2 mm (DIN EN ISO 7390)
Service Temperature	: Between -30°C and +80°C

POLAN® 980 2K

Coal Tar Modified Polyurethane Based Sealant and Waterproofing Material

Description:
Coal tar modified polyurethane based, double component, elastomeric, **cold applied**, self-levelling sealant and waterproofing material which has high mechanical and chemical resistance. It is **resistant to jet fuels** and **oils**.

Application Areas:
- Dynamic horizontal dilatation joints for sealing and filling,
- Filling the ground joints in places exposed to chemical and industrial wastes, such as airports, garages and gas stations,
- Places where infrastructural work is needed, such as tunnels, bridges, canals, ports and highways,
- Warehouse, garage, hangar and loading areas,
- Bricks, concrete or grating covers of the pavements,
- As a joint sealant in balconies and terraces.

Advantages:
- Highly resistant to oil, petroleum, jet fuel and various chemicals, self-levelling.
- Cold applied, easy and fast to apply.
- Resistant to UV and abrasion.
- Not affected by dilatation movements and different weather conditions. Resistant to aging.
- Has high adhesion properties to the surface where it is applied (concrete, metal and glass etc.).
- Highly elastic, does not lose its elasticity between -30°C and +80°C.
- Ideal to use where hot applied joint fillers cannot be used.

Consumption:
Varies depending on the joint depth and width.
Theoretical consumption:
Joint width (mm) x joint depth (mm) x material density = consumption/running meter.

Packaging:
Component A: 4.3 kg tin cans
Component B: 0.7 kg tin cans

Technical Properties	
Appearance	: Black colored flowable coal tar modified polyurethane sealant
Mixture Density	: 1.25 ± 0.05 g/cm³
Application Temperature	: Between +5°C and +30°C
Solid Content	: 96%
Elastic Recovery	: 80%
Tensile Strength	: 0.16 MPa (+23°C); 0.22 MPa (-20°C)
Hardness (Shore A)	: 25 ± 5
Change in Mass and Volume	: Maximum 1% with jet fuel (After immersion in test fuels)
Shock Temperature Resistance	: +120°C
Pot Life of Mixture	: 30 - 45 minutes (20°C)
Surface Dry Time	: Tack-Free: 6 hours Complete Drying: 24 hours Test: 7 days
Service Temperature	: Between -30°C and +80°C

AS 910

Siliconized Acrylic Sealant

Description:
Acrylic dispersion based, **silicone** added, single component, multi-purpose sealant resistant to weather conditions. It is an economical and ideal sealant for **static** joints of the buildings.

Application Areas:
- Indoor and outdoor,
- Installation of window, wooden or PVC joinery,
- Sealing of window frames,
- Baseboards.

Advantages:
- **Single component**, easy to apply,
- Can be used in all porous surfaces (brick, concrete, wood).
- Does not contain solvent and isocyanate, odorless.
- Can be painted when cured.
- Resistant to weather conditions.
- Waterborne, easy to clean.

Consumption:
Varies depending on the application surface.
The recommended width and depth ratio of the sealant is 2:1.

Packaging:
Gross 500 g plastic cartridges

Technical Properties	
Appearance	: High viscosity siliconized acrylic sealant
Color	: Pls. see the color chart on page 39
Density	: 1.60 ± 0.05 g/cm³ (DIN 53479)
Application Temperature	: Between +5°C and +30°C
Surface Dry Time	: 80 ± 30 minutes
Elongation at Break	: ≥ 150% (28 days)
Curing Rate	: 2 mm / 24 hours
Service Temperature	: Between -10°C and +80°C

SS 930E
Multi-Purpose Silicone Sealant

Description:
Silicone based, **multi-purpose**, single component (acetoxy) sealant which is cured with the moisture in the air and can be used indoor and outdoor.

Application Areas:
- Indoor and outdoor,
- Bathrooms and kitchens, in joints of shower enclosures, baths, washbasins and sinks,
- Glass assembly works,
- Sealing of window frames,
- For sealing and filling purposes in door and window gaps.

Advantages:
- **Single component**, easy to apply.
- **Resistant to UV**, does not crack or turn to yellow.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic and turns to its original form without being distorted.
- Protects its elasticity even at low and high temperatures (-30°C and +120°C) when cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.

Consumption:
Varies depending on the application surface.

Packaging:
Gross 280 g plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 0.97 ± 0.02 g/cm^3
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 20 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 20 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 500% (14 days)
Service Temperature	: Between -30°C and +120°C

SS 930
Multi-Purpose Silicone Sealant

Description:
Silicone based, **multi-purpose**, single component (acetoxy) sealant which is cured with the moisture in the air and can be used indoor and outdoor.

Application Areas:
- Indoor and outdoor,
- Bathrooms and kitchens, in joints of shower enclosures, baths, washbasins and sinks,
- Glass assembly works,
- Sealing of window frames,
- For sealing and filling purposes in door and window gaps.

Advantages:
- **Single component**, easy to apply.
- **Resistant to UV**, does not crack or turn to yellow.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic and turns to its original form without being distorted.
- Protects its elasticity even at low and high temperatures (-30°C and +120°C) when cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.

Consumption:
Varies depending on the application surface.

Packaging:
Net 280 ml (Gross 320 g) plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 0.97 ± 0.02 g/cm^3
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 20 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 20 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 500% (14 days)
Service Temperature	: Between -30°C and +120°C

SS 930X
Multi-Purpose Silicone Sealant

Description:
Silicone based, **multi-purpose**, single component (acetoxy) sealant which is cured with the moisture in the air and can be used indoor and outdoor.

Application Areas:
- Indoor and outdoor,
- Bathrooms and kitchens, in joints of shower enclosures, baths, washbasins and sinks,
- Glass assembly works,
- Sealing of window frames,
- For sealing and filling purposes in door and window gaps.

Advantages:
- **Single component**, easy to apply.
- **Resistant to UV**, does not crack or turn to yellow.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic and turns to its original form without being distorted.
- Protects its elasticity even at low and high temperatures (-30°C and +120°C) when cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.

Consumption:
Varies depending on the application surface.

Packaging:
Net 300 ml (Gross 345 g) plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 0.97 ± 0.02 g/cm^3
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 20 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 20 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 500% (14 days)
Service Temperature	: Between -30°C and +120°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

SS 931
Universal Silicone Sealant (100% Silicone)

Description:
High quality, **multi-purpose**, **100% silicone**, solvent-free, single component (acetoxy) sealant which is cured with the moisture in the air and can be used indoor and outdoor.

Application Areas:
- Indoor and outdoor,
- Bathrooms and kitchens, in joints of shower enclosures, baths, washbasins and sinks,
- Glass assembly works,
- Sealing of window frames,
- Insulation of cold storage depots,
- For sealing and filling purposes in door and window gaps.

Advantages:
- **Single component**, easy to apply.
- **100% silicone**, solvent-free and durable.
- **Resistant to UV**, does not crack or turn to yellow, shrink, sag or peel off.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic, can strectch more than 5 times of its length and turns to its original form without being distorted.
- Prevents mold and fungus formation.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) when cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.

Consumption:
Varies depending on the application surface.

Packaging:
Net 300 ml plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 1.02 ± 0.02 g/cm³
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 25 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 25 ± 5
Tensile Strength	: ≥ 1.2 MPa
Elongation at Break	: > 500% (14 days)
Service Temperature	: Between -40°C and +150°C

SS 932
Sanitary Silicone Sealant

Description:
High quality, **100% silicone**, solvent-free, single component (acetoxy) sealant which is cured with the moisture in the air, can be used in wet areas such as **bathrooms** and **kitchens** for sealing and filling purposes.

Application Areas:
- Indoor and outdoor,
- Wet areas such as bathrooms and kitchens,
- For sealing in installation of products such as toilet, baths, washbasins,
- Installation and rounds of shower enclosures for sealing purposes,
- Joint of tiles which is open to water contact,
- Sealing of kitchen appliances, hygienic devices and equipments,
- For sealing of cold storage depots and refrigerated vehicles.

Advantages:
- **Single component**, easy to apply.
- **100% silicone**, solvent-free and durable. Does not shrink, sag or peel off.
- Resistant to continuous moisture exposure.
- **Resistant to UV**, does not crack or turn to yellow.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic, can strectch more than 5 times of its length and turns to its original form without being distorted.
- Prevents mold and fungus formation.
- Cures fast, protects its elasticity even at low and high temperatures (-40°C and +150°C) when cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.

Consumption:
Varies depending on the application surface.

Packaging:
Net 280 ml (Gross 340 g) plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 1.02 ± 0.02 g/cm³
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 25 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 25 ± 5
Tensile Strength	: ≥ 1.2 MPa
Elongation at Break	: > 500% (14 days)
Service Temperature	: Between -40°C and +150°C

SS 932X
Shower Cabin Silicone Sealant

Description:
High quality, **100% silicone**, solvent-free, single component (acetoxy) sealant which is cured with the moisture in the air, can be used in wet areas such as **shower cabins**, **bathrooms** and **kitchens** for sealing and filling purposes.

Application Areas:
- Indoor and outdoor,
- Wet areas such as bathrooms and kitchens,
- For sealing in installation of products such as toilet, baths, shower cabins, washbasins,
- Installation and rounds of shower enclosures for sealing purposes,
- Joint of tiles which is open to water contact,
- Sealing of kitchen appliances, hygienic devices and equipments,
- For sealing of cold storage depots and refrigerated vehicles.

Advantages:
- **Single component**, easy to apply.
- **100% silicone**, solvent-free and durable. Does not shrink, sag or peel off.
- Resistant to continuous moisture exposure.
- **Resistant to UV**, does not crack or turn to yellow.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic, can strectch more than 5 times of its length and turns to its original form without being distorted.
- Prevents mold and fungus formation.
- Cures fast, protects its elasticity even at low and high temperatures (-40°C and +150°C) when cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.

Consumption:
Varies depending on the application surface.

Packaging:
Net 300 ml (Gross 360 g) plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 1.02 ± 0.02 g/cm³
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 25 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 25 ± 5
Tensile Strength	: ≥ 1.2 MPa
Elongation at Break	: > 500% (14 days)
Service Temperature	: Between -40°C and +150°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

SS 933 RTV

Heat Resistant Silicone Sealant

Description:
High quality, solvent-free, single component (acetoxy), **red colored silicone** sealant which is cured with the moisture in the air, developed for the applications of engines and mechanical parts exposed to **high temperatures**.

Application Areas:
- Places exposed to continuous high temperatures,
- Automotive motor components, differential cover, gear box cover, motor hood and carburetor cover sealing,
- Diluted acidic and basic environments,
- Steam installations, as sealant in places exposed to hot water and steam,
- Sealing of chemical reactors,
- Hot-air pipes,
- Industrial mechanic parts,
- All sealing applications exposed to mechanical and chemical heating.

Advantages:
- **Single component**, easy to apply.
- Resistant to maximum +250°C.
- Does not contain **solvent**, durable. Does not shrink, sag or peel off.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Not affected from weather conditions after one hour when cured. Resistant to abrasion.
- Highly elastic and turns to its original form without being distorted.
- Red colored, easily noticed.
- Resistant to detergents, cleaning materials and diluted chemical solutions.
- Odorless when cured.
- Not harmful or toxic.

Consumption:
Varies depending on the application surface.

Packaging:
Net 300 ml plastic cartridges

Technical Properties	
Appearance	: Red colored high viscosity silicone sealant
Density	: 1.05 ± 0.05 g/cm³
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 20 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 25 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 500% (14 days)
Resistance to Heat	: Maximum +250°C
Service Temperature	: Between -40°C and +250°C

SS 934 CONSTRUCTION

Neutral Construction Silicone Sealant

Description:
High quality, single component, **100% silicone**, solvent-free sealant with **neutral oxime structure**, cured with the moisture in the air, can be used in all kinds of indoor and outdoor areas of the **building**.

Application Areas:
- Indoor and outdoor,
- All kinds of aluminum cladding facade joints,
- As a sealing material in construction joints,
- Glass assembly works,
- Joint combinations of glass, aluminum and glazed surfaces,
- Sealing of window frames,
- Insulation of cold storage depots,
- For sealing and filling purposes in door and window gaps,
- All kinds of joint applications due to its neutral characteristics.

Advantages:
- **Single component**, easy to apply.
- Does not contain **solvent**, durable. Does not shrink, sag or peel off.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic, can strectch more than 5 times of its length and turns to its original form without being distorted.
- Not affected from weather conditions after one hour when cured. Resistant to abrasion.
- Odorless.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) when cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.
- Not harmful or toxic.

Consumption:

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	Glossy Consumption g (for 1 m)	Matte Consumption g (for 1 m)
6	6	36	36.72	48.60
10	10	100	102	135
20	12	240	244.80	324

Packaging:
Net 300 ml plastic cartridges
600 ml aluminum sausages

Technical Properties		
Appearance	: High viscosity silicone sealant	
Color	: Pls. see the color chart on page 39	
Application Temperature	: Between +5°C and +35°C	
Service Temperature	: Between -40°C and +150°C	
Movement Capability	: 25% (TS EN ISO 11600)	
	Glossy	**Matte**
Density	: 1.02 ± 0.02 g/cm³	1.35 ± 0.05 g/cm³
Surface Dry Time	: 10 ± 5 minutes	10 ± 5 minutes
Curing Rate	: 3 mm / 24 hours	3 mm / 24 hours
Hardness (Shore A)	: 22 ± 5	36 ± 5
Tensile Strength	: ≥ 1 MPa	≥ 1 MPa
Elongation at Break	: > 500% (14 days)	> 400% (14 days)

SS 994 FACADE

Weatherseal Silicone Sealant

Description:
Single component, weather resistant, high strength, **neutral alkoxy structure (weatherseal)**, **100% silicone** sealant developed for **facade** joints.

Application Areas:
- Indoor and outdoor,
- In all cladding facade joints, including structural joints,
- As a sealing material in construction joints,
- In laminated glass applications,
- In glass installation and joinery insulation,
- On many surfaces such as coated and anodized aluminum, wood, concrete, brick, ceramic, porcelain.

Advantages:
- **Single component**, easy to apply.
- **Does not contain solvent**, durable.
- Is not affected by weather conditions and performs excellent and long-term durability when cured. It provides excellent resistance to extreme conditions such as extreme temperatures, UV, rain and snow, without significant change in elasticity.
- Its high tensile strength, high tear strength and high capacity to absorb deformations (elongation) make this product an outstanding product for weatherseal facade applications.
- Can meet both the elongation and compression movements by 50% (ASTM C719) and has an excellent recovery after this cycle.
- Has very **low VOC** value. Is a low odor neutral curing product.
- Protects its elasticity even at low and high temperatures (-50°C and +100°C) when cured.

Consumption:

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	Consumption g (for 1 m)
6	6	36	51.48
10	10	100	143
20	10	200	286

Packaging:
300 ml plastic cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: Silicone based sealant
Color	: Black
Density	: 1.43 ± 0.05 g/cm³
Application Temp.	: Between +5°C and +35°C
Surface Dry Time	: 25 ± 5 minutes
Movement Capability	: 50% (ASTM C719) and 25% (TS EN ISO 11600)
Curing Rate	: 2 - 3 mm / 24 hours
Hardness (Shore A)	: 30 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 400% (14 days)
Service Temperature	: Between -50°C and +100°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

SS 935
Marble and Natural Stone Silicone Sealant

Description:
High quality, **100% silicone**, single component, neutral, solvent-free sealant which is cured with the moisture in the air, can be used in joints of construction materials such as **natural stone**, **marble** and **granite**.

Application Areas:
- Indoor and outdoor,
- Sensitive surfaces such as natural stone, marble and granite,
- Joints of facade coatings such as natural stone, marble and granite,
- Joint combinations of glass, aluminum and glazed surfaces,
- Sealing of window frames.

Advantages:
- **Single component**, easy to apply.
- Granite, marble and other natural materials can be stained in contact with standard silicones. SS 935 is developed for these sensitive surfaces, does not stain.
- **Does not contain solvent**, durable. Does not shrink, sag or peel off.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic, can strectch more than 5 times of its length and turns to its original form without being distorted.
- Resistant to abrasion.
- Not affected from weather conditions after one hour when cured.
- Prevents mold and fungus formation.
- Odorless.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) once cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.
- Not harmful or toxic.

Consumption:

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	Consumption g (for 1 m)
6	6	36	36.36
10	10	100	101
20	12	240	242.40

Packaging:
Net 300 ml plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 1.01 ± 0.02 g/cm³
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 10 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 25 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 300% (14 days)
Service Temperature	: Between -40°C and +150°C

SS 936
Neutral Silicone Sealant

Description:
High quality, single component, **100% silicone**, solvent-free sealant with **neutral oxime structure**, cured with the moisture in the air, can be used in all kinds of indoor and outdoor areas.

Application Areas:
- Indoor and outdoor,
- Automotive and transportation industries, in sheet metal and panel installations,
- Production of durable white goods for insulation purposes,
- As sealing material in home appliances,
- Bathrooms and kitchens, in joints of shower enclosures, baths, washbasins and sinks,
- Sealing of electronic and sensitive metal surfaces,
- Joint combinations of glass, aluminum and glazed surfaces.

Advantages:
- **Single component**, easy to apply.
- Does not contain **solvent**, durable. Does not shrink, sag or peel off.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Not affected from weather conditions after one hour when cured.
- Odorless.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) once cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.
- Not harmful or toxic.

Consumption:

Width of the joint mm	Depth of the joint mm	Consumption ml (for 1 m)	Glossy Consumption g (for 1 m)	Matte Consumption g (for 1 m)
6	6	36	36.72	48.60
10	10	100	102	135
20	12	240	244.80	324

Packaging:
Net 300 ml plastic cartridges

Technical Properties		
Appearance	: High viscosity silicone sealant	
Color	: Pls. see the color chart on page 39	
Application Temperature	: Between +5°C and +35°C	
Service Temperature	: Between -40°C and +150°C	
Movement Capability	: 25% (TS EN ISO 11600)	
	Glossy	**Matte**
Density	: 1.02 ± 0.02 g/cm³	1.35 ± 0.05 g/cm³
Surface Dry Time	: 10 ± 5 minutes	10 ± 5 minutes
Curing Rate	: 3 mm / 24 hours	3 mm / 24 hours
Hardness (Shore A)	: 22 ± 5	36 ± 5
Tensile Strength	: ≥ 1 MPa	≥ 1 MPa
Elongation at Break	: > 500% (14 days)	> 400% (14 days)

SS 937
Aquarium Silicone Sealant

Description:
High quality, **100% silicone**, single component (acetoxy), **solvent-free** sealant cured with the moisture in the air. Specifically developed for **aquariums** and can be used indoor and outdoor.

Application Areas:
- Indoor and outdoor,
- Inside the aquariums,
- Potable water tanks.

Advantages:
- **Single component**, easy to apply.
- Not harmful to fish and other aquarium organisms.
- Does not contain **solvent**, durable. Does not shrink, sag or peel off.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- **Resistant to UV**, does not crack or turn to yellow. Resistant to abrasion.
- Not affected from weather conditions after one hour when cured.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) once cured.
- Resistant to detergents, cleaning materials and diluted chemical solutions.
- Not harmful or toxic.

Consumption:
Varies depending on the application surface.

Packaging:
Net 300 ml plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 1.01 ± 0.02 g/cm³
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 20 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 25 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 400% (14 days)
Service Temperature	: Between -40°C and +150°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

SS 939
Mirror Silicone Sealant

Description:
High quality, **100% silicone**, single component, neutral, solvent-free sealant cured with the moisture in the air for bonding of **mirrors** and ceramics without damaging the glazed surfaces.

Application Areas:
- Indoor and outdoor,
- Bonding of all kinds of mirrors,
- Joint combinations of glass, aluminum and glazed surfaces,
- Bonding of the wall tiles and accessories with glazed surfaces.

Advantages:
- **Single component**, easy to apply.
- Can be used in fixing mirrors in different shapes and designs to aluminum, glass, ceramic, concrete and wooden surfaces.
- Does not contain **solvent**, durable. Does not shrink, sag or peel off.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Tolerates small movements and protects its sealing properties in joints, thanks to its **high adhesion** property.
- Highly elastic and turns to its original form without being distorted.
- Not affected from weather conditions after one hour when cured.
- Prevents mold and fungus formation.
- Odorless.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) once cured.
- Not harmful or toxic.

Consumption:
Varies depending on the application surface.

Packaging:
Net 300 ml plastic cartridges

Technical Properties	
Appearance	: High viscosity silicone sealant
Color	: Pls. see the color chart on page 39
Density	: 1.02 ± 0.02 g/cm^3
Application Temperature	: Between +5°C and +35°C
Surface Dry Time	: 10 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Hardness (Shore A)	: 22 ± 5
Tensile Strength	: ≥ 1 MPa
Elongation at Break	: > 400% (14 days)
Service Temperature	: Between -40°C and +150°C

PU 960
Multi-Purpose Polyurethane Foam

Description:
Single component, multi-purpose **polyurethane** foam which is cured by expanding with the moisture in the air.

Application Areas:
- Inner and outer expansion joints of buildings,
- Terrace dilatations,
- Installation and insulation of frames of doors and windows,
- Insulation of hot and cold water pipes, electrical installations,
- Filling gaps, wide cracks and holes.

Advantages:
- Bonds perfectly on all types (except PE, PP, PTFE) of surfaces.
- Has high thermal and acoustic insulation property.
- Resistant to all kinds of weather conditions and vapor.
- Water impermeable, mould resistant and overpaintable.
- Expands up to 40 liters depending on moisture and temperature.
- Does not contain propellant gases harmful to ozone layer.

Consumption:
Varies depending on the application area. Consumption can be controlled by the angle of the spray and the applied pressure.

Packaging:
750 ml (600 g) and 750 ml (850 g) pressurized tin cans

Technical Properties	
Appearance	: Light yellow - white colored foam
Density	: 25 ± 3 g/cm^3 (ASTM D1622)
Surface Dry Time	: 7 - 12 minutes (ASTM C1620) (1 cm width)
Cutting Time	: 35 - 45 minutes (ASTM C1620) (1 cm width)
Fire Class (Cured Foam)	: B3 (DIN 4102)
Expansion Ratio	: 150 - 200%
Compressive Strength	: 3 N/mm^2 (DIN 53421)
Yield	: 35 - 40 L/1000 ml (ASTM C 1536)
Thermal Conductivity	: 0.030 W/mK (20°C) (DIN 52612)
Application Temperature	: Between +5°C and +30°C
Service Temperature	: Between -40°C and +80°C

PU 962
Multi-Purpose Professional Polyurethane Foam

Description:
Single component, multi-purpose **polyurethane** foam which is cured by expanding with the moisture in the air, used with its special application gun.

Application Areas:
- Inner and outer expansion joints of buildings,
- Terrace dilatations,
- Installation and insulation of frames of doors and windows,
- Insulation of hot and cold water pipes, electrical installations,
- Filling gaps, wide cracks and holes.

Advantages:
- Bonds perfectly on all types (except PE, PP, PTFE) of surfaces.
- Dries faster and is more elastic than foams with straw applicator.
- Has high thermal and acoustic insulation property.
- Resistant to all kinds of weather conditions and vapor.
- Water impermeable, mould resistant and overpaintable.
- Expands up to 55 liters depending on moisture and temperature.
- Does not contain propellant gases harmful to ozone layer.

Consumption:
Varies depending on the application area. Consumption can be controlled by the angle of the spray and the applied pressure.

Packaging:
750 ml (850 g) pressurized tin cans

Technical Properties	
Appearance	: Light yellow - white colored foam
Density	: 20 ± 3 g/cm^3 (ASTM D1622)
Surface Dry Time	: 7 - 10 minutes (ASTM C1620) (1 cm width)
Cutting Time	: 25 - 35 minutes (ASTM C1620) (1 cm width)
Fire Class (Cured Foam)	: B3 (DIN 4102)
Expansion Ratio	: 70 - 100%
Compressive Strength	: 2.5 N/mm^2 (DIN 53421)
Yield	: 45 - 55 L/1000 ml (ASTM C 1536)
Thermal Conductivity	: 0.030 W/mK (20°C) (DIN 52612)
Application Temperature	: Between +5°C and +30°C
Service Temperature	: Between -40°C and +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

Sealants and Technical Adhesives Color Chart

Product Colors	MS Polymer Waterproofing Products		Hybrid Polymer Waterproofing Products		MS Polymer Sealants		Polyurethane Sealants		Acrylic Sealants	Silicone Sealants												MS Polymer Adhesives					Silicone Adhesives
	POLYMERA MS	POLYMERA MS FLUID	AQUAMER HB	AQUAMER HB INVISIBLE	POLYMERA MS 925	POLYMERA MS 940	PU 970	PU 971	AS 910	SS 930E	SS 930	SS 930X	SS 931	SS 932	SS 932X	SS 933 RTV	SS 934 CONSTRUCTION (Matte)	SS 934 CONSTRUCTION (Glossy)	SS 994 FACADE	SS 935	SS 936	SS 937	SS 939	POLYMERA MS 950	POLYMERA MS 960	POLYMERA MS 965	POLYMERA MS 953	RAPIDO HIGH TACK	EPDM BOND
Transparent				✓						✓	✓	✓	✓	✓	✓			✓		✓	✓	✓	✓				✓		
White					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	✓		✓			✓		✓	
Off White																								✓					
Grey	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓					✓			✓	✓			✓		✓		✓	
Silver Grey											✓	✓						✓											
RAL 7046																	✓												
Anthracite						✓					✓	✓					✓							✓					
Black					✓	✓	✓	✓	✓		✓	✓	✓				✓		✓	✓	✓	✓		✓	✓	✓		✓	✓
Cream											✓	✓					✓												
Beige											✓	✓					✓												
Bronze											✓	✓						✓											
Silvery Copper																		✓						✓					
Golden Oak									✓		✓	✓					✓												
Dark Brown					✓	✓			✓		✓	✓					✓			✓	✓			✓					
Red																✓													

*****All colors shown in this catalogue are the closest to the original colors, depending on the printing techniques. It may show slight differences with the original colors. The table above is for the standard and special colors in the FİXA price list. Other RAL colors are produced upon request.*

TECHNICAL ADHESIVES

POLYMERA® MS 950

MS Polymer Based Multi-Purpose Elastic Adhesive

Description:
MS Polymer based, single component, elastic, solvent and isocyanate free, hybrid **construction sealant** and **adhesive**.

Application Areas:
- Indoor and outdoor,
- Joint combinations and adhesion of aluminum, wood, metal and glass,
- All kinds of cladding facade joints,
- Intersection and adhesion details of prefabricated elements,
- Filling joints and adhesion of natural materials such as marble, natural stone and granite,
- Joint combinations and adhesion of glass, ceramic, tiles and glazed surfaces,
- Joints of sheet and metal for adhesion, isolation and the absorption of the vibrations in the production of automotive, container, vehicle body and caravan,
- Joints and adhesion of stainless, galvanized or black steels,
- Production and installation of ventilation ducts and air conditioners.

Advantages:
- **Single component**, easy to apply.
- Tolerates all kinds of movements and protects its sealing properties in joints thanks to its **high modulus (HM)** and **high adhesion** property.
- Does not lose volume or mass when cured.
- Does not cause bubbles following applications on damp surfaces.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Durable as it does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off. Has **low VOC** content.
- Provides strong and elastic adhesion in buildings and vehicles exposed to vibrations.
- Can be **overpainted** with waterborne and other types of paints.
- Prevents mould and fungus formation.
- Cures neutrally, **odorless**.
- Adheres perfectly on many surfaces **without primer**.
- Protects its elasticity even at low and high temperatures (-40°C and +80°C) once cured.

Consumption:
In adhesive applications, the consumption amount varies depending on the application surface and the load on it.
In sealant applications, please refer to the table below.

Width of the joint mm	Depth of the joint mm	Consumption ml (per 1 m)	Consumption g (per 1 m)
6	6	36	55.8
10	10	100	155
20	12	240	372

Packaging:
290 ml plastic cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity MS paste
Color	: Pls. see the color chart on page 39
Density	: 1.55 ± 0.05 g/cm^3
Hardness (Shore A)	: 50 ± 5
Film Formation Time	: 30 ± 10 minutes
Curing Rate	: 3 mm / 24 hours
Tensile Strength	: ≥ 1.80 MPa (DIN 53504)
Elongation at Break	: > 300% (7 days)
Application Temperature	: Between +5°C and +35°C
Service Temperature	: Between -40°C and +80°C

POLYMERA® MS 960

MS Polymer Based Auto Glass (Windshield) Adhesive

Description:
MS Polymer based, single component, elastic, solvent and isocyanate free, hybrid, **auto glass (windshield)** adhesive.

Application Areas:
- Elastic bonding of vehicle glasses,
- Joints of sheet and metal for adhesion, isolation and the absorption of the vibrations in the production of automotive, container, vehicle body and caravan.

Advantages:
- **Single component**, easy to apply.
- Tolerates all kinds of movements and protects its sealing properties in joints thanks to its **high modulus (HM)** and **high adhesion** property.
- Does not lose volume or mass when cured.
- Does not cause bubbles following applications on damp surfaces.
- **Resistant to UV**, does not crack or turn to yellow.
- Does not sag or spread.
- Cold applied.
- Durable as it does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off. Has **low VOC** content.
- Provides strong and elastic adhesion in vehicles exposed to vibrations.
- Can be **overpainted** with waterborne and other types of paints.
- Prevents mould and fungus formation.
- Cures neutrally, **odorless**.
- Adheres perfectly on many surfaces **without primer**.
- Protects its elasticity even at low and high temperatures (-40°C and +80°C) once cured.

Consumption:
The consumption amount varies depending on the application surface and the load on it.

Packaging:
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity MS paste
Color	: Black
Sag Resistance	: Good
Density	: 1.44 ± 0.05 g/cm^3
Hardness (Shore A)	: 65 ± 5
Film Formation Time	: 35 ± 10 minutes
Curing Rate	: 3 mm / 24 hours
Time to put the vehicle into service	: 6 hours (MDAT/FMV212)
Tensile Strength	: ≥ 3 MPa (DIN 53504)
Elongation at Break	: > 300% (7 days)
Application Temperature	: Between +5°C and +35°C
Service Temperature	: Between -40°C and +80°C

POLYMERA® MS 965

MS Polymer Based Industrial Adhesive

Description:
MS Polymer based, single component, elastic, solvent and isocyanate free, hybrid, **industrial adhesive**.

Application Areas:
- Bonding and sealing in automotive, container, bodywork and caravan manufacturing, particularly at sheet and metal joint areas to ensure sealing and absorption of vibrations,
- Bonding and sealing of sunroof systems,
- Bonding the roofs of automobiles, trains and trucks,
- Bonding of aluminum or polyester corner profiles to trailers,
- Bonding of automotive flooring systems,
- Sealing of welding seams.

Advantages:
- **Single component**, can be applied cold and easily.
- Tolerates all kinds of movements and protects its sealing properties in joints thanks to its **high modulus (HM)** and **high adhesion** property.
- Does not lose volume or mass when cured.
- Does not cause bubbles following applications on damp surfaces.
- **Resistant to UV**, does not crack or turn to yellow.
- Does not contain **solvent**, **isocyanate**, **PVC** and **silicone**, has **low VOC** content.
- Durable and does not crack, **shrink**, sag or peel.
- Provides strong and elastic adhesion in vehicles exposed to vibrations.
- Prevents mould and fungus formation.
- Can be **overpainted** with waterborne and other types of paints.
- Cures neutrally, **odorless**.
- Adheres perfectly on many surfaces **without primer**, including aluminum, stainless steel, galvanized steel, zinc, copper, brass, iron, glass and PVC.
- Has excellent resistance to weather conditions and temperature.
- Protects its elasticity even at low and high temperatures (-40°C and +80°C) once cured.

Consumption:
The consumption amount varies depending on the application surface and the load on it.

Packaging:
290 ml plastic cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity MS paste
Color	: Black and white
Sag Resistance	: Good
Density	: 1.45 ± 0.05 g/cm^3
Hardness (Shore A)	: 65 ± 5
Film Formation Time	: 35 ± 10 minutes
Curing Rate	: 3 mm / 24 hours
Tensile Strength	: ≥ 3 MPa (DIN 53504)
Elongation at Break	: > 300% (7 days)
Application Temperature	: Between +5°C and +35°C
Service Temperature	: Between -40°C and +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

POLYMERA® MS 953

MS Polymer Based Transparent Adhesive

Description:
MS Polymer based, single component, elastic, solvent and isocyanate free, **transparent**, **joint sealant** and **adhesive**.

Application Areas:
- Indoor and outdoor,
- Applications where transparent adhesives and sealing materials are required,
- Installation and isolation of glass, mirror and glazed surfaces,
- Joint combinations and adhesion of aluminum, wood, metal and glass,
- Joints of sheet and metal for adhesion, isolation and the absorption of the vibrations in the production of automotive, container, vehicle body and caravan,
- Filling joints and adhesion of natural materials such as marble, natural stone and granite.

Advantages:
- **Single component**, easy to apply.
- Can be used on all kinds of different colored surfaces as it is **transparent**.
- Tolerates all kinds of movements and protects its sealing properties in joints thanks to its **high modulus (HM)** and **high adhesion** property.
- Does not lose volume or mass when cured.
- Does not cause bubbles following applications on damp surfaces.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Durable as it does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off. Has **low VOC** content.
- Provides strong and elastic adhesion in buildings and vehicles exposed to vibrations.
- Prevents mould and fungus formation.
- Cures neutrally, **odorless**.
- Protects its elasticity even at low and high temperatures (-40°C and +80°C) once cured.

Consumption:
In adhesive applications, the consumption amount varies depending on the application surface and the load on it.
In sealant applications, please refer to the table below.

Width of the joint mm	Depth of the joint mm	Consumption ml (per 1 m)	Consumption g (per 1 m)
6	6	36	37.8
10	10	100	105
20	12	240	252

Packaging:
290 ml plastic cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity MS paste
Color	: Transparent
Density	: 1.05 ± 0.03 g/cm^3
Hardness (Shore A)	: 40 ± 5
Film Formation Time	: 50 ± 10 minutes
Curing Rate	: 2 mm / 24 hours
Tensile Strength	: ≥ 1.50 MPa (DIN 53504)
Elongation at Break	: > 150% (DIN 53504)
Application Temperature	: Between +5°C and +35°C
Service Temperature	: Between -40°C and +80°C

FX1® FIX & GO

MS Polymer Adhesive & Sealant

Description:
MS Polymer based, single component, hard-elastic, solvent and isocyanate free, **fast curing**, strong adhesive **with high initial tack**.

Application Areas:
- Indoor and outdoor,
- Installation of curtain tracks and roller blinds,
- Fast installation and bonding of almost all kinds of materials,
- Assembly of wood and composite materials,
- Elastic bonding of metals (aluminum, steel and stainless steel, anodized aluminum, brass, copper etc.),
- Assembly and bonding of ventilation systems,
- Fast assembly in bath, kitchen and sanitary areas,
- Fast assembly and bonding of natural materials such as marble, natural stone, granite.

Advantages:
- Has high **initial tack**, provides fast installation. Can be opened for use quickly.
- **Single component**, easy to apply.
- Durable as it does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Bonds even under the water.
- Prevents mould and fungus formation.
- Cures neutrally, odorless.
- Adheres perfectly on many surfaces without primer.
- Protects its elasticity even at low and high temperatures (-40°C and +80°C) once cured.

Consumption:
The consumption amount varies depending on the application surface and the load on it.

Packaging:
290 ml plastic cartridges
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity MS paste
Color	: Pls. see the color chart on page 39
Density	: 1.50 ± 0.05 g/cm^3
Hardness (Shore A)	: 65 ± 5
Film Formation Time	: 7 ± 3 minutes
Curing Rate	: 3 mm / 24 hours
Tensile Strength	: ≥ 2.5 MPa (DIN 53504)
Elongation at Break	: > 150% (7 days)
Application Temperature	: Between +5°C and +35°C
Service Temperature	: Between -40°C and +80°C

EPDM BOND

Neutral Silicone Based EPDM Adhesive

Description:
Neutral silicone based, single component, solvent or isocyanate free elastic adhesive for bonding of **EPDM membranes** and coatings.

Application Areas:
- Indoor and outdoor,
- Bonding and fixing of EPDM membranes and coatings.

Advantages:
- **Single component**, easy to apply.
- Bonds **EPDM** membranes and coatings strongly to the surface.
- Can be used in joints of **EPDM** membranes and coatings as adhesive and for isolation purposes.
- Tolerates all kinds of movements and protects its sealing properties in joints thanks to its **high adhesion** property.
- Provides strong and elastic adhesion in buildings exposed to vibrations.
- Does not lose volume or mass when cured.
- Durable, does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off.
- **Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Prevents mould and fungus formation.
- Cures neutrally, odorless.
- Protects its elasticity even at low and high temperatures (-40°C and +150°C) once cured.

Consumption:
Varies depending on the application surface.

Packaging:
600 ml aluminum sausages

Technical Properties	
Appearance	: High viscosity silicone paste
Color	: Black
Density	: 1.35 ± 0.05 g/cm^3
Hardness (Shore A)	: 35 ± 5
Film Formation Time	: 10 ± 5 minutes
Curing Rate	: 3 mm / 24 hours
Tensile Strength	: ≥ 1.3 MPa (DIN 53504)
Elongation at Break	: > 400% (DIN 53504)
Application Temperature	: Between +5°C and +40°C
Service Temperature	: Between -40°C and +150°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

FİXA®
CONSTRUCTION CHEMICALS

FİXA CONSTRUCTION CHEMICALS INDUSTRY TRADE LTD. CO.

Headquarters
Beylikdüzü OSB,
Bakır ve Pirinç San. Sit.
Mustafa Kurdoğlu Cad. No:14
Beylikdüzü - İstanbul
P +90 212 690 92 92 (pbx)
F +90 212 428 62 85

İstanbul Factory
Firüzköy Mahallesi,
Aziz Cad. No:16
Avcılar - İstanbul
P +90 212 428 62 83 (pbx)
F +90 212 428 62 86

Adana Factory
Hacı Sabancı OSB,
Süleyman Demiel Bulvarı No:30
Sarıçam - Adana
T: +90 322 394 42 42 (pbx)
F: +90 322 394 42 65

Ankara Factory
Başkent OSB,
19. Cadde No:74
Malıköy Temelli - Ankara
P +90 312 640 16 61 (pbx)
F +90 312 640 16 76

FİXA UK
17 Green Lanes, London,
England, N16 9BS UK
P: +44 (0) 2081760680

www.fixaco.uk
info@fixaco.uk
fixaconstructionchemicals

fixayapikimyasallari
fixa_yapi_kimyasallari
Fixa Yapı Kimyasalları

export@fixa.com.tr
www.fixa.com.tr