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.

TECHNICAL PROPERTIES

Appearance	High viscosity MS paste
Color	Pls. see the color chart
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 53404)
Elongation at Break	> 150% (7 days)
Application Temperature	Between +5°C and +35°C
Service Temperature	Between -40°C and +80°C

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 mold 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 varies depending on the application surface and the load on it.

PACKAGING

290 ml plastic cartridges
600 ml aluminum sausages.

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be clear of materials that prevent adhesion such as dust, engine oils, tar, paint, silicone, curing material, detergent and mold release agents.
- Remove the old and cured sealants mechanically. Do not apply on old and cured sealants that are not totally removed.
- Masking tape is recommended for a smooth appearance of the surface and the material to be spilled around.

APPLICATION

- Cut the cartridge nozzle to allow the supplied nozzle tip to be fitted.
- Attach the tip to the mouth of the cartridge and, considering the width of the area to be used, cut the tip with a sharp utility knife and place the product into the cartridge gun.
- Cut the sausage from one end and place into an appropriate sausage gun. Place the cap nut to the cylinder of the gun.
- Apply the product to the surface and attach both surfaces to each other.
- In case of a use as a sealant, fill the joint gaps uninterruptedly.
- Remove the masking tape in 2 minutes after application.
- Clean excess material with a solvent or alcohol within maximum 2 minutes. If this time has been exceeded and curing has been completed, cleaning can only be done mechanically.

CAUTION

- Avoid application at temperatures below +5°C and above +35°C.
- Not suitable for sealing aquariums.
- Use of primer and testing the product is recommended on polyethylene, polypropylene, polybutylene, polycarbonate and bitumen surface.
- Do not use in unventilated areas and places where relative humidity is low as it needs moisture in the air for curing.
- Not recommended to use as structural adhesive.
- When bonding heavy building materials, laying should be done from the bottom up.

SHELF LIFE

Expires in 9 months. Store unopened packages between +10˚C and 25˚C, stack up to 7 packages on the pallet. Storage area must be protected from sunlight, must be dry, cool and moisture free.

HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Do not leave the cover open. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FİXA Construction Chemicals Ltd. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FİXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.