

x'traseal®

TECHNICAL DATA SHEET

REV: 00

Date: 11 NOV 2024



MS-609SE

GRIP & GO

DESCRIPTION

x'traseal® MS-609SE GRIP & GO is a hybrid silyl modified polyether technology based high grip one component strong adhesive. MS-609SE GRIP & GO is suitable for direct bonding on a wide range of fitting ID or loose materials without support. That is why support of the adhesive assembly is not necessary in general. MS-609SE GRIP & GO has high performance mechanical properties and combines high stiffness with high bond strength, hence is recommended for bonding in building and construction industry.

FEATURES

- ◆ High performance mechanical properties
- ◆ Extremely fast grip
- ◆ Does not contain solvent, isocyanate, acid and silicone oil
- ◆ Non-bleeding and crack resistant
- ◆ No visible stain even on porous substrate
- ◆ Can be applied on moist surface
- ◆ No bubble formation
- ◆ Paintable & environment friendly
- ◆ External & internal use
- ◆ Fungus is not easily grow on adhesive

USES

MS-609SE GRIP & GO is specially developed as a universal adhesive for gluing of lightweight materials such as mirror, assembly of threshold, skirting board, stripes, decorative wall, panel, and porcelain materials. MS-609SE GRIP & GO is also applicable for coated metal, stainless steel, copper, zinc, polyester panel, HPL panels, polystyrene, polycarbonate, UPVC, epoxy, finished wood and etc.

Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results

APPLICATION

Substrates must be clean, dry and free from grease. Remove all dirt, oil, grease, detergents and loose material.

- Apply the adhesive onto substrates.
- Bring the materials into position and press well to make sure that the thickness of the adhesive is minimum 2-3 mm between material and surface.
- Because of the high initial strength support during curing is usually not necessary

CURING TIME

MS-609SE GRIP & GO will skin forming in approximately 5 minutes and tack free in approximately 20 minutes and it will cure to a depth of 10 mm in 7 days. Longer curing time may be necessary in dry and low humidity area.



MS-609SE

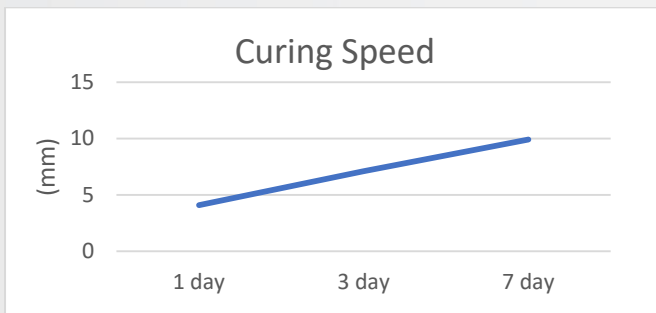
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PAINTABILITY

MS-609SE GRIP & GO is paintable with water based paints, however due to large number of paints and varnishes available we strongly suggest a compatibility test before application. Paints based on alkyd resins may have extended drying time.

Note: MS-609SE GRIP & GO has larger movement capability than a normal paint film. Cracking of paint film may occur with movement in joint.

CHEMICAL RESISTANCE

Good resistance to water, diluted inorganic acids and alkalis.

Poor resistance to concentrated acids and alkaline solutions, organic solvents, and halogenated hydrocarbons.

CLEAN UP

Excess adhesive can be removed with mineral spirit and cleaning solvent before cured. After curing, MS-609 SE may only be removed mechanically.

LIMITATIONS

MS-609SE GRIP & GO is not suitable for the following applications:

- PE, PP, PTFE, plastics containing softeners, and bituminous substrates
- Structural glazing
- Totally confined spaces where there is no atmospheric humidity, which is needed for proper curing
- Under water applications
- Heavy trafficable surface / joints
- Exposure to aggressive solvents or chemicals
- Food contact

SPECIFICATION

Properties	Value	Method
Curing system	Neutral	-
Appearance	Non-sagging paste	Visual
Smell	Odorless	Visual



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Specific Gravity	1.57 +/- 0.02	ASTM D1475
Hardness (shore A)	45 approx.	ASTM D2240
Elongation at Break	180 % approx.	ASTM D412
Tensile at Break	1.00 mPa	ASTM D412
Secant Modulus @ 23°C at 100% Elongation	0.89 mPa	ASTM D412
Application Temp.	5°C to 40°C	-
Service Temp.	-40°C to 100°C	-
Lap Shear Strength (AL. To AL.)	1.00 mPa	ASTM C961

PACKAGING

Contains: 2 x 17ml
12 pcs / inner carton
144 pcs / outer carton

COLOR

White, other colors upon request.

SHELF LIFE

9 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +30°C.

CAUTION

Read and understand material safety data sheet of this product before handling or using.

This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.