



MS-608

MS ADVANCED POLYMER SEALANT



TECHNICAL DATA SHEET

REV: 06

Date: 25 April 2024
June 2024

DESCRIPTION

x'traseal® MS-608 is based upon **hybrid silyl modified polyether technology**. It is an odorless, one part flooring adhesive suitable to bond many types of parquet flooring to almost any subfloor. It has a high bond strength between the wooden floor and the subfloor but remains permanently flexible. It is an ideal product for indoor and outdoor bonding and sealing purposes.

FEATURES

- ◆ High mechanical bonding strength
- ◆ Good sound dampening quality
- ◆ Long open time
- ◆ Ease of troweling
- ◆ Waterproofing and moisture resistant
- ◆ Neutral and odorless
- ◆ Free of isocyanate, solvent, acid and silicone oil
- ◆ Excellent UV and weather resistance
- ◆ Environment friendly
- ◆ Can be applied on damp surfaces
- ◆ Internal and external use

USES

To bond many types of parquet flooring to almost any subfloor.

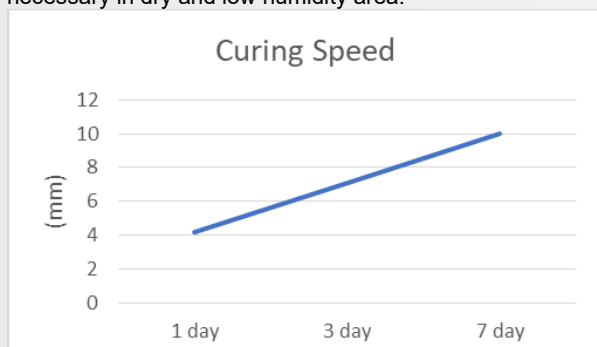
Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results

APPLICATION

- Substrates must be clean, dry and free from grease. Remove all dirt, oil, grease, detergents and loose material.
- The joint edges can be masked with tape to prevent contamination of adjacent substrates. The tape should be removed carefully after tooling.
- Cut tip off cartridge. Cut nozzle to desired size at 45° angle. Screw nozzle onto cartridge. Place cartridge into caulking gun.
- Apply the adhesive to the surface and slide the parquet onto the adhesive layer and tap into place.

CURING TIME

MS-608 will skin forming in approximately 30 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.



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PAINTABILITY

MS-608 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-608 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 sealant can be removed with mineral spirit and cleaning solvent before cured. After curing, MS-608 may only be removed mechanically.

LIMITATIONS

MS-608 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

PACKAGING

20 kg barrel

600 ml sausages / 20 per carton

COLOR

White, other colors upon request.

SHELF LIFE

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

SPECIFICATION

Properties	Value	Method
Curing System	Neutral	-
Smell	Odorless	Visual
Specific Gravity	1.70 +/- 0.02	ASTM D1475
Hardness (shore A)	40	ASTM D2240
Elongation at Break	800% approx.	ASTM D412
Tensile at Break	0.75 mPa	ASTM D412
Secant Modulus @ 23°C at 100% Elongation	0.40 mPa	ASTM D412





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Lap Shear Strength (Wood to Wood)	0.90 mPa	ASTM C961
Application Temp.	5°C to 40°C	-
Service Temp.	-40°C to 100°C	-

USAGE

Trowel type and size are selected based on flooring type. Coverage rate shown are only guidelines (appendix a). Coverage will vary with trowel size / type, angle the trowel is held to the subfloor, and the adsorption level of substrate.


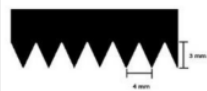


Generally, use a fine trowel for wood of smaller sizes and / or for smooth substrates, and a coarse trowel for wood of larger sizes and / or for rough substrates.

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.

APPENDIX A

Floor Type	Trowel	Coverage
Finger Block Parquet	 <p>Square Notch 3 mm x 3 mm x 3 mm</p>	Up to 2.0 m ² /L
≤13 mm Solid Wood ≤13 mm Engineered Wood	 <p>V Notch 4 mm x 3 mm</p>	Up to 1.4 m ² /L
	 <p>V Notch 5 mm x 4 mm</p>	Up to 1.2 m ² /L
9-13 mm Solid Wood > 13 mm Engineered Wood < 19mm Parquet	 <p>Square Notch 6 mm x 6 mm x 3 mm</p>	Up to 1.0 m ² /L

x'traseal®



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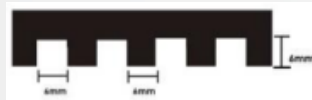


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> 13 mm Solid Wood
4' x 4' Plywood



Square Notch 6 mm x 6 mm x 6 mm

Up to 0.9 m²/L



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