



PROTECTIVE POLYMERS

Superseal 1 PART ADHESIVE SEALANT

Product Description

SUPERSEAL is a one part high modulus modified polymer sealant which cures on exposure to moisture vapour to form a tough but elastic rubber compound. SUPERSEAL bonds and will adhere to most substrates including wood, metal, aluminium, stone, brick, concrete and most plastics.

Typical Use

SUPERSEAL is recommended for use in many forms of construction including structural joints in heavy cladding, structural movement joints in floors and joints in heavily trafficked areas. SUPERSEAL can be over-painted once fully cured; with most industrial paints users are advised to check compatibility before over-painting.

Technical Data

Volume Solids 100 %+ /- 1%	Finish Sealant smooth finish	Number of Coats Unlimited, May be layered to achieve required film build.	Packaging 330 ml tubes
Colour Light Grey	Flash Point N/A	Mix ratio N/A - ready for use	Solvent N/A
Specific Gravity 1.3 kg/L	VOC N/A		

Recommended Dry Film Thickness

Thickness Range	DFT per coat	Theoretical Spreading rate
	4 - 8mm bead	
	5mm bead	15.8 linear meters per 5mm bead

Drying times

Substrate Temperature	Skin Time	Cure Rate	Dry to re coat Minimum	Full Cure
10°C	3 Hours	3 - 4mm per 24 hrs	3/4 Hours	7 Days
20°C	1-2 Hours	2 - 3mm per 24 hrs	1/2 Hours	7 Days
30°C	1 Hours	2 - 3mm per 24 hrs	1/2 Hour	7 Days

*Surface to be dry and free from contaminants.

Surface Preparation

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. All surfaces should be clean, dry and free from contamination. Ensure the compatibility of the coated substrates with the selected paint system.

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Mixing

Superseal is supplied ready for use in 330ml tubes. Once the tube seal is broken the Superseal should be used. Opened tubes will begin to cure upon exposure to atmospheric moisture.

Application Conditions

Do not apply when the surface is less than 3°C above dew point. Do not apply to substrates at temperatures below 10°C. The temperature of the Sealant should be at least 15°C.

Application Equipment

Superseal is intended for application direct from the supply tube. A standard sealant gun will be appropriate for this process.

After application the sealant can be worked into cracks, joints, etc, using a suitable flat tool or pre-wetted brush to work the sealant into fine cracks/joints.

Clean-up

Clean up immediately after use with thinner Protective Polymers Thinner/Cleaner. Discard clean-up material according to local environmental regulations.

Precautions

This product is for use only by professional Applicators in accordance with information in this Technical Data Sheet and the Safety Data Sheet (SDS). Refer to this product's SDS before using this material.

Material Storage

Store all coating materials in a dry place as close to room temperature as possible. Ideal storage temperature should be between 10°C to 27°C. Keep cans sealed and out of direct sun light when not use. Warm up cold material to room temperature before using.

This information is given in good faith for the guidance of users but without warranty or liability. Any queries should be referred to our Technical Department. The above information, based on laboratory tests and practical experience has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001. As a manufacturer, we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes. This product is for professional use only.

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