



GRAB & FIX



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EXCELLENT ALL ROUND MULTI-SURFACE ADHESION

EXCELLENT NON SLIP AND INSTANT INITIAL GRAB

OVER-PAINTABLE AND BONDS TO WET SURFACES

Description:

PALACE GRAB & FIX MS POLYMER ADHESIVE provides fixing performance of the highest possible standard by combining unique instant grab consistency with the latest MS polymer technology to ensure instant high strength bonding across the most difficult and diverse range of surfaces. It has initial bond strength double that of most other grab adhesives, and does not require secondary support for most typically encountered high load bearing applications. Can be used internally or externally or even on damp or wet surfaces. **GRAB & FIX MS POLYMER ADHESIVE** is solvent free, cures quickly and is waterproof and weather proof for both internal & external applications.

Preparation:

Ensure all joints & bonding surfaces are dry, clean and free from dirt, grease and loose surface coatings. Check that any bitumen-based materials are not in a position, which requires a bond, or contact with the sealant or any materials likely to release plasticisers or solvents. It is not recommended for application to surfaces that are below 5°C as it is impossible to guarantee a dry, frost-free surface at these temperatures. Concrete must be sealed using a Primer. If in doubt consult Technical Services. This product should not be used in potable water tanks.

Application:

Use a sharp knife to cut off the tip of the cartridge, whilst leaving sufficient thread in place to engage with the nozzle. then screw on the pre cut 'V' notched nozzle which must always be used to ensure the correct depth of adhesive is extruded. Fit the cartridge into a suitably sized skeleton gun and slowly, but consistently extrude the sealant into the joint, whilst at the same time drawing the cartridge along the line of the joint to ensure even placement. The product consistency may at first seem stiff to extrude, so a good quality applicator gun with firm hand pressure is needed in order to achieve best results especially when fixing high load, heavy duty units. Apply the adhesive on one surface only in vertical strips 30cm apart. Immediately place item into position with good, even pressure to give an excellent initial grab. On extremely heavy items temporary support may be necessary during the curing process. Mechanical fixings should always be used in overhead applications.. Yellowing may occur in installations where exposure to

light is restricted. **GRAB & FIX** is by its nature stiff to gun out so always discharge using a good quality sealant gun and ensure the wide mouth nozzle is clean & clear. Do not seal mirror edges/plastic sheeting until adhesive beneath has cured and avoid using it on surfaces that bleed oils or plasticizers. Whilst this adhesive does have sealing properties around bonded edges it should not be used where movement is expected to be greater than +/- 12.5%. Where this is the case seal edges of the bonded surface with **PALACE FIX & SEAL**. Note **GRAB & FIX** will skin over after about 15-30 minutes and full through cure will be approximately 2mm in depth per 24 hours. This may be slower on non porous surfaces in cooler environments.

Coverage:

A single **GRAB & FIX** cartridge will be sufficient to extrude just over 5 linear metres of a 9mm diameter bead onto a smooth and flat even surface. This coverage rate is for guidance purpose only and does not take into full consideration the effects of site conditions and wastage when the joint face is cleaned and smoothed.

Limitations:

Not recommended for application on PE, PP, Teflon, wax, neoprene and bituminous surfaces. Not suitable for continuous underwater applications, or use with aquaria or expansion joints. Not paintable with alkyd resin paint. On porous surfaces such as concrete a primer is recommended. Yellowing can occur in the dark. It is the users' responsibility to determine suitability. Adhesion tests prior to application are recommended.

Storage & Packaging:

GRAB & FIX MS POLYMER ADHESIVE is supplied in standard cartridges and has a storage life of not less than 12 months if kept in dry, un-opened cool conditions. Consult the **GRAB & FIX MS POLYMER ADHESIVE** material safety data sheet for advice on handling and safety procedures. Should further more specific technical information be required, contact the Technical helpline on 0151 486 6101.

Specific Performance Data

Material type:	Polyurethane hybrid	Specific gravity:	1.53 white / 1.06 clear
Curing method:	Moisture cure	Service Temp 'C:	-40°C to 100°C
Skin Formation time:	10 to 30 minutes	Max movement:	>90%
Curing rate:	3mm per 24 hours	Break point:	300% elongation
Hardness Shore A :	60 white & 45 clear	Tensile strength :	2.20 N/mm ²
Shrinkage:	nil	Modulus, 100%	1.35 N/mm ²

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The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. However it is given without guarantee, as conditions of use and workmanship involved are both beyond our control. All information supplied is subject to the company's terms and conditions of sale, copies of which are available on request

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EN ISO 14001



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EN ISO 9001



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