



FIX & SEAL



Issue – MSFS / - 0315

EXCELLENT FLEXIBILITY AND DURABILITY

BONDS TO ALL TYPES OF MATERIALS – WET OR DRY

CAN BE OVERPAINTED WHEN CURED

Description:

FIX & SEAL SEALANT & ADHESIVE is a high modulus, one component, polyurethane hybrid based sealant and adhesive that remains permanently elastic and has good adhesion to most substrates. It is recommended for sealing and bonding all types of construction composites including metal panels, trays and trims. **FIX & SEAL SEALANT & ADHESIVE** will also seal expansion joints in concrete panels and floor joints and can be used in applications subject to vibration and mechanical abrasion and also when fully cured can be exposed to persistent & regular wetting, even providing resistance to salt water solutions for marine applications. **Available in Clear & White**

Preparation:

Ensure all joint areas, voids and contact 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. Cut the nozzle tip at a 45° angle and at a point to give the required joint width. 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. Joint depth should never exceed joint width and where this is the case it may be necessary to insert a

PU foam backer strip to control joint depth adhesion to the background substrate. **FIX & SEAL SEALANT & ADHESIVE** can be smoothed into the joint within 5 minutes of application using a lightly dampened pallet knife, or similar tool to give a blemish-free even surface. **FIX & SEAL SEALANT & ADHESIVE** has a tack-free time from about 10 to 30 minutes subject to site temperatures, when it will start to form a skin and depending on joint depth and site conditions will take about 24 hours to achieve complete cure through the joint (typically at a rate of 4mm / 24 hours).

Coverage:

FIX & SEAL SEALANT & ADHESIVE when evenly extruded will cover at the following rate according to joint dimensions:

Joint width	Litres per metre run	Metres per tube
4 X 4	0.016	20.0
5 x 5	0.025	12.4
5 x 10	0.050	6.2
10 x 10	0.100	3.2

The coverage rates shown in the above table are for guidance purpose only and do not take into full consideration the effects of site conditions and wastage when the joint face is cleaned and smoothed.

Storage & Packaging:

FIX & SEAL SEALANT & ADHESIVE is supplied in standard cartridges and has a storage life of not less than 12 months if kept in dry, un-opened conditions. Consult the **FIX & SEAL SEALANT & 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

Conforms to: EN 15651 parts 1: F-EXT-INT CC & part 3 S.

Material type:	Polyurethane hybrid	Specific gravity:	1.50 +/- 0.05
Curing method:	Moisture cure	Service Temp °C:	-40°C to 90°C
Skin Formation time:	10 to 30 minutes	Elastic recovery:	>90%
Curing rate:	4mm per 24 hours	Break point:	400% elongation
Hardness:	50 (+/- 5) Shore A	Break strength:	1.7 N/mm ²
Shrinkage:	< 3%	Elasticity modulus:	0.94 N/mm ²

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

EN ISO 18001



OHS 596309

EN ISO 14001



EMS 85788

EN ISO 9001



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