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PU4349/3 Single Component Moisture Curing Re-Bond Foam Binder

DESCRIPTION

PU4349/3 is a single component sprayable moisture curing urethane binder developed for applications in the foam and mineral wool bonding industries.

PRODUCT FEATURES

Single component system:	No mixing required.
Strong, resilient, flexible bonds:	The cured product exhibits excellent resistance to heat cold, moisture and solvent.
Resistance to high and low temperatures:	The bond line will withstand wide temperature ranges (-60°C to +170°C) for extended periods without loss of strength.

PROPERTIES

Criteria	Typical Value
Colour:	Unpigmented
Viscosity at 23°C:	325 ± 100 mPa.s
NCO content:	ca 11.5 – 12.5 %

APPLICATION

Materials to be bonded must be free from surface contamination, e.g. dust and grease, etc.

Spray apply the binder into the moving PU foam crumb. The quantity required will depend upon the crumb sizes, 8-10% is normally sufficient.

The PU binder should be applied at 30°C

Premix the binder and foam chips for 150 seconds.

Transfer the mix to the mould within 75 seconds.

Inject steam to increase temperature to 120°C and hold for 120 – 150 seconds.

STORAGE

Stored in well sealed containers, PU4349/3 will have a shelf life of at least 6 months. Low or high temperatures are to be avoided. Ideal storage temperatures are 5 – 25°C.

Once opened, drums/ IBCs should be used within 10 days.

HEALTH AND SAFETY

PU4349/3 contains a non-volatile isocyanate. Avoid prolonged contact with skin. In cases of contact with eyes, flush out with excess water and seek medical attention.

Smoking in the vicinity of the adhesive or contact with red hot surfaces must not be permitted as the vapour inhaled under these conditions can be injurious to health.

Additional precautions

Ensure effective extraction to maintain the working environment below the OEL for Diphenylmethane di-isocyanate.

Use industrial safety gloves.

Use suitable eye protection.

Before use ensure that you have read Health and Safety Data Sheet for this product.

The company will supply, upon request, individual advice in writing in connection with the use and application of its products in all appropriate cases. Customers are urged to make use of this service. This leaflet is provided for general guidance only. All recommendations and suggestions are made in good faith but without guarantee and are subject to the company's terms and conditions.