



FSP[®] 1528 A

Polyester Putty to produce composite sandwich constructions or reinforcing material used to stiffen polyester glass moulded laminates. To be applied by hand on fresh moulded laminates.

+ *ADVANTAGES*

Important time-saving in comparison with moulded laminates stiffened by great thickness, polyester non-woven core materials or localized reinforcements.

- significant material saving
- homogenous catalyse, easily adjustable
- greater stiffness at equivalent mass

+ *PHYSICAL PROPERTIES*

- flexible isophthalic polyester putty reinforced with glass fibres
- density : 0.6
- high thixotropy allowing successive layers of 1 cm or more
- blue catalyst indicator which changes colour rapidly after catalysis

+ *PROCEDURE*

- temperature of materials should be between 15°C and 30°C
- do not dilute and never add anything else but catalyst
- catalyse with Butanox M50 or equivalent, between 0.4% and 2 %, depending on thickness and cycle required
- the thicker it has to be, the more you have to reduce the catalyst dosage
- gel time with 2 % Butanox M50 = 16'-20' at 20°C
- mix carefully until complete disappearance of blue in order to obtain homogenous product.

+ *APPLICATION*

On moulded laminate, properly gelled and polymerised.

Do not apply on laminates made from low styrene emission (LSE) resin without prior testing to confirm that inter-laminar adhesion is satisfactory for the intended application.

Spread the requested thickness with spatula or wide brushes.

If necessary, cover with a moulded laminate by spraying or by hand. There should not be a noticeable temperature increase otherwise shrinkage could deform the piece, if the initial laminate is thin. To avoid this heating, reduce the percentage of catalyst.

Parts de-moulded may be subject to deformation. The use of pre-warmed moulds will hasten curing. For large pieces, the use of sprayable FSP will permit time-saving and a regular depth of the coating.

STORAGE

Stability in the dark @ 25°C, months 4 minimum.

To ensure maximum stability and maintain optimum properties, FSP1528A should be stored in closed containers, maintained below 25°C and away from heat sources and sunlight. All storage should conform to local fire and building codes. Drum stock should be kept to a reasonable minimum with first-in, first-out stock rotation.

STANDARD PACKAGE

Non-returnable metal drums. Bulk supplies can be delivered by road tanker

MATERIAL SAFETY DATA SHEET

A Material Safety Data Sheet is available from your NCS Resins' representative. Make certain that you obtain a copy of this guide to the safe handling of unsaturated polyester resins and resin systems.

PLEASE READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET BEFORE WORKING WITH THIS PRODUCT

The information contained in this technical data sheet reflects our current knowledge. Our goal is to provide best practises for end users. As we cannot control the application conditions, we cannot be held responsible beyond the provision of material in accordance with our specifications.

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