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0 6 8
May 2004

METOLUX PRO-FILL

DESCRIPTION

Pro-Fill is a high performance multi purpose filler, consisting of a grey coloured polyester paste with a Benzoyl Peroxide hardener. When cured, Pro-Fill forms a strong hard mass, which offers good abrasion resistance and durability. Suitable for use on timber, metal shuttering and concrete.

OUTSTANDING FEATURES

Simple preparation
Easy application
maximum strength
Impact resistant
Oil and water proof
Fast curing

PREPARATION

To achieve the maximum performance it is essential that all substrates are sound, clean, dry and free from surface contaminants such as oil, grease, sawdust and loose particles.

METALLIC SUBSTRATES

- a) Remove all existing coatings, corrosion products and general grime by mechanically abrading, shot blasting or wire brushing back to white metal.
- b) Cracks or splits should be opened up and "v"ed to ensure total penetration.
- c) Areas contaminated with oil or grease require solvent degreasing by either immersion or wiping with a lint free cloth damped with the preferred solvent system.

MIXING

Mix only sufficient for immediate requirements. Place an amount of Pro-Fill Paste (about the size of a golf ball) onto a non-porous board, then squeeze a small amount of Speedset hardener from the tube (about 4" strip) next to the paste. Mix the Pro-Fill Paste and the hardener to thoroughly blend the two. Ensure that the material is scraped clear of the mixing board and spatula at least once to ensure complete mixing.

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APPLICATION

Apply with a plastic spatula or similar implement and contour the Pro-Fill to the desired shape. Leave sufficiently proud of the surface to allow for sanding.

TECHNICAL DATA

Mixing ratio	-	100 parts paste : 2 parts Speedset Hardener W/W
Mixed density	-	1.95g/cm ³
Working Life	-	6 minutes at 20°C
Cure Time	-	30 minutes at 20°C
Shore D Hardness	-	> 80
Tensile shear adhesion (AL to AL)	-	5.5 N/mm ²
Compressive strength (ASTM D695-)	-	62.0 N/mm ²
Tensile Strength (ASTM D638)	-	18N/mm ²
Elastic Modulus	-	25913 N/mm ²
Flexural Strength (ASTM D790)	-	33 N/mm ²
Flexural Modulus	-	7802 N/mm ²

IMPORTANT

The information and data given is based on our own experience, research and testing and is believed to be reliable and accurate. However, as Nickerson Chemicals Limited cannot know the varied uses to which its products may be applied, or the methods of application used, no warranty as to the fitness or suitability of its products is given or implied. It is the users responsibility to determine suitability for use. For further information, please contact our Technical Department.