



LUGE POXY 188

High performance epoxy adhesive & patching mortar specifically for luge tracks & high trafficable areas

Two-component, high performance epoxy adhesive and patching mortar with excellent bonding to most substrates (including concrete, stones, epoxy, fiber cement board, etc.) for high traffic areas such as luge tracks.

FEATURES/BENEFITS

- Reactive resin adhesive
- Excellent adhesion strength and tensile strength
- High mechanical resistance
- Reduces risk of efflorescence
- Non-sagging, stain & chemical resistant

APPLICATION AREAS

- Luge tracks
- Theme parks
- Walkways & corridors
- Other high trafficable areas

PRODUCT DATA

Appearances / Colors	Grey (mixed compound)
Packaging	5 kg set
Storage	12 Months from date of production
Storage Condition	Dry conditions at temperature between 5-30 Degree Celsius

TECHNICAL DATA

Origin	Epoxy Resin
Density	Part A: Approx 1.64 g/cm ³ Part B: Approx 0.97 g/cm ³
Change in Volume	No shrinkage
Compressive Strength	60 – 70 N/mm ² (7 days)
Tensile Strength	10 – 14 N/mm ² (7 days)
Flexural Strength	30 – 35 N/mm ² (7 days)
Bond Strength	Concrete (dry): > 4.0 N/mm ² Concrete (moist)): > 4.0 N/mm ²
Water Absorption	0.05g (as per EN 12808-5)

APPLICATION CONDITIONS

Pot life	45 minutes
Open time	Approx 30 minutes
Adjustability time	Approx 60 minutes
Curing time	Suitable for light traffic: 24 hours Full traffic: 7 days

SUBSTRATE

The substrate should be clean, free from oil and grease, old coatings, surface treatments, and so on. Concrete or cementitious substrates should be allowed to cure fully and have a wood float finish. The maximum variation in the plane of the concrete must not exceed 5mm in 3m for floors and 4mm in 2m for walls. Fibre cement sheets, compressed fibre cement sheets and gypsum plasterboard sheets must be installed according to the manufacturer's instructions and the relevant standards.

MIXING

Mix parts A+B together for at least 3 minutes with an electric mixer at slow speed (max. 250rpm). Always mix complete units and do not add any other materials into the mixture. Please consult Dritech Chemicals for more information.

Avoid over-mixing as this will entrap air and reduce the pot life. Mix thoroughly until a homogeneous, consistent colour is obtained.

APPLICATION

When using as a repair mortar, apply the mixed material to the prepared surface with a spatula, trowel, notched trowel, or with hands protected by gloves. Use formwork if necessary.

When using as an adhesive, firmly press the material onto concrete with a twisting action to ensure complete material bed of the required thickness (usually 6 – 12mm). Thicker beds should be supported for 12 – 48 hours to prevent slipping.

TOOLS

Clean tools immediately with suitable solvent-based cleaner.

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH & SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising

out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.