

HEY'DI PRODUCT DATA SHEET



HEY'DI INDUSTRIPLAN

Cement-based, fibre-reinforced, self-levelling filler compound for indoor use. 8-15 mm.

Description

Hey'di Industriplan is a cement-based, fibre-reinforced, self-levelling floor screed for indoor use. Hey'di Industriplan may be applied in layers from 8 to 15 mm thickness, forming a wear-resistant surface that may remain untreated.

Areas of Application

Hey'di Industriplan may be applied to concrete industrial and warehouse surfaces. Application temperature should be between +10 and +20 °C. Minimum temperature is +6 °C, which also applies to the substrate.

Preparation - Substrate

The surface must be free from loose particles, dust, grease etc. Any cement skin on the surface must be removed mechanically. Absorbent surfaces such as concrete and plaster are primed with Hey'di Special Primer at the ratio of 1 part primer to 3 parts of water. If the substrate has been milled, grit blasted or is highly absorbent, priming should be done twice, the first time diluting the primer at the ratio of 1:6, the second at 1:3, with an interval of at least 2 hours. Pits and irregularities should first be roughly levelled using Hey'di Express/Repair Mortar or another suitable product. Consumption of Hey'di Special Primer: One litre will cover 8-12 sq.m (diluted).

Mixing

First pour clean water into the mixing tub, 4,5 litres of water to 25 kg Hey'di Industriplan. Mix using a drill with a mixing attachment. Mix for about 2 minutes for a lump-free, liquid compound. The time available for application of the mixed compound is about 30 minutes, do not add more water once the compound has begun to harden. In cold weather, sacks should have about room temperature before use, alternatively you may use lukewarm water (max. +30 °C).

Application

Pour the compound continuously from the tub, in strings parallel to the shortest wall, with the maximum length of the strings at 5-7 metres. Pour the next string a little into the previous one, so that the compound will keep flowing in the same direction. The surface may be spike rolled as it is being laid to ensure an even result with no air bubbles. Avoid draught and direct sunlight during application and drying period. Hey'di Industriplan may also be applied using a filler pump. Tools are cleaned in water.

Drying Time (at +20 °C and 50 % humidity)

Hey'di Industriplan may be walked on after 2-4 hours, the floor may be used normally after 7 days. Protect the applied compound against premature drying by keeping windows and doors shut to stop draught. Heating cables in the substrate must be switched off as the compound should not be exposed to additional heat, and no post-watering is to be carried out.

Finishing

Hey'di Industriplan may remain untreated, over it may be painted using a suitable concrete paint or lacquer. In areas where heavy, sharp or scraping objects are handled, and in the food industry, the floor should be covered using an epoxy coating or other suitable product.

Consumption

1,8 kg Hey'di Industriplan per mm thickness per sq.m.

Storage

Store in a dry place. Best results within 9 months of the date of manufacture.

Packaging

25 kg sack.



TECHNICAL DATA

Water demand:..... 4,5 l/25 kg
Consumption:..... 1,8 kg/l
Max grain size: 1 mm
Thickness:8-15 mm
Compressive strength 28 days:..... >35MPa
Flexural strength 28 days:..... >9 MPa

In compliance with EN 13813:

Compressive strength class:.....C30
Flexural strength class:..... F9
Shrinkage, 28 days:..... < 0,05 %
Adhesion to primed concrete:..... > 1,5 Mpa

Flow rate:

Flow rate according to (EN12706):.....
.....130-140 mm
Pot life:..... approx. 30 min
Light foot traffic after: 2-4 hours
Hardening time before flexible floor coverings:7 days

PRODUCT INFORMATION

Hey'di item number:..... 2822
GTIN nr:..... 7054150028226

Work Hygiene/Precautions

The product contains cement which, when mixed with water, may cause irritation to the skin and eye, nose and throat mucous membranes. Always read the warning on the packaging before starting work.

Revision date: 17.09.13



HEY'DI QR CODE

Use the internet or mobile phone to view our product manuals and download product data sheets and material safety data sheets.