

HEY'DI PRODUCT DATA SHEET



HEY'DI FIBERPLAN +PLUS

Cement-based, fibre-reinforced, self-levelling filler compound for indoor use. 10-80 mm.

Description

Hey'di Fiberplan +Plus is a cement-based, fibre-reinforced, self-levelling filler compound for indoor use. Hey'di Fiberplan +Plus may be applied in layers from 10 to 80 mm thickness. Hey'di Fiberplan +Plus is dust reduced.

Areas of Application

Hey'di Fiberplan +Plus is a self-levelling filler material for all types of substrate prior to laying floor coverings, tiles, etc. Hey'di Fiberplan +Plus gives a surface somewhat rougher than other levelling compounds; consequently it is necessary to apply a fine filler before laying the floor covering. Hey'di Fiberplan +Plus may also be used to enclose heating cables and piping for waterborne heat and for floor soundproofing. In wetrooms always cover Hey'di Fiberplan +Plus with Hey'di K10, Hey'di Smøremembran or a waterproof floor covering. Application temperature should be between +10 °C 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 KZ or Hey'di Special Primer at the ratio of 1 part primer to 3 parts water. Wood or chipboard should be primed using undiluted Hey'di Special Primer or Hey'di KZ. Before applying Hey'di Fiberplan +Plus to smooth, non-absorbent surfaces, priming should be carried out in the form of a wash. Mix equal parts of Hey'di KZ and water 1:1 with Hey'di Fiberplan +Plus to produce a thick liquid which is brushed onto the surface. Application of Hey'di Fiberplan +Plus can normally take place the day after priming/wash. On flexible substrates, Hey'di Fiberplan +Plus is applied to a minimum thickness of 20 mm and is reinforced using Hey'di Steel Mesh.

Mixing - Application

First pour clean water into the mixing tub, max. 4,2 litres of water to 25 kg Hey'di Fiberplan Plus. Mix using a drill with a mixing attachment. Mix for 2-4 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. Pour the compound continuously in strings parallel to the shortest wall. Pour the next string a little into the previous so that the compound will keep flowing in the same direction. Hey'di Fiberplan +Plus may also be applied using all ordinary types of filler pump. Avoid draught and direct sunlight during application and drying period. Tools and machines are cleaned in water.

Drying Time (at +20 °C, 50 % relative humidity) - Covering

Hey'di Fiberplan +Plus may be walked on after 2-4 hours; ceramic tiles may be attached after approximately 4 hours. If to be covered by a brushed-on membrane or non-permeable surface material, leave the compound to dry for about 24 hours per cm layer thickness. Protect the applied compound against drying out by keeping doors and windows closed and avoiding draughts. Heating cables may be switched on approximately one week after laying the floor covering.

Consumption

1,75 kg Hey'di Fiberplan +Plus per mm thickness per sq.m.

Storage

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

Packaging

25 kg sack.



TECHNICAL DATA

Water demand:..... 4-4,2 l/25 kg
Consumption:..... 1,75 kg/l
Max grain size: 2 mm
Thickness: 10-80 mm
Compressive strength 28 days:..... >25MPa
Flexural strength 28 days:..... >5 MPa

In compliance with EN 13813:

Compressive strength class:..... C25
Flexural strength class:..... F5
Shrinkage, 28 days:..... < 0,03 %
Adhesion to primed concrete:..... > 1,5 Mpa

Flow rate:

Flow rate according to (EN12706):.....
..... 115-125 mm
Pot life:..... approx. 30 min
Light foot traffic after: 2-4 hours
Hardening time before flexible floor coverings: 1 day/cm

PRODUCT INFORMATION

Hey'di item number:..... 281
GTIN nr:..... 7054150002813

Work Hygiene/Precautions

This product does not require health hazard labeling.

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.