

HEY'DI PRODUCT DATA SHEET

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HEY'DI UNDER & I

Fixing and casting compound.

Description

Hey'di Under & I is an expanding, cavity-filling, cement-based dry mortar for anchoring, bolts and other metal objects into concrete and rock, and for baseplate grouting. Hey'di Under & I expands during the plastic (wet) phase as well as through the hardening period to achieve maximum strength and cavity filling, without any rupturing effect.

Areas of Use

Hey'di Under & I is used to fix bolts (wash), to anchor metal objects and for baseplate grouting. Working temperature should be between +6 and +20 °C. At temperatures between +6 and 0 °C, the use of lukewarm mixing water (max. temp. +30 °C) is recommended, at freezing temperatures hot air heating should be provided for some hours, followed by covering up with winter mats.

Preparation

The surface must be free from loose particles, clean and without dust and grease. In warm weather or in the case of strongly absorbent substrates, prewatering is recommended, avoid free water in the hole or on the surface.

Mixing

First pour clean water into the mixing tub, followed by Hey'di Under & I. Mixing ratio is 4 to 4,5 litres of water per 25 kg bag. Mix for at least 2 minutes until an even compound is achieved.

Application - Undercasts

When undercasting small objects, pour the compound direct from the mixing tub. Pour from one side, the compound will flow completely out. For major work it is best to pump the compound. If a mould is used, it must be completely sealed, made of a non-absorbent material and with a little excess height as the compound will expand.

Create a pouring funnel on one side. Mixing and casting must take place in one continuous operation. The mould must have 10-20 mm clearance on both sides to allow vibrating the compound using a stick, reinforcement bar or other object to eliminate air pockets.

If a pump is used, place the outlet hose at the centre of the mould so the compound may flow in all directions. The depth of the cast may be from 15 to 100 mm, for deeper casts you may add up to 30 per cent casting gravel with a maximum grain size of 8 mm.

Use water to clean tools.

Application - Fixing objects

Pour the compound direct from the tub. The hole must have a diameter of at least 15 mm more than the object you are fixing, and must be no greater than 50 mm. Use a stick, reinforcement bar or other object to compress the compound, allowing any air to escape. At clearances of less than 15 mm, we recommend using Hey'di Bolt Fast. Use water to clean tools.

Application Time - Drying Time

The mixed compound must be applied within 30-40 minutes. Watering the cast surface for some days is recommended, alternatively you may cover it with plastic sheeting.

Consumption

1,9 kg Hey'di Under & I produces about one litre of compound.

Storage

Keep in a dry place. For best results use product within one year of the date of manufacture.

Packaging

25 kg sack.



TECHNICAL DATA

Water demand:..... 4-4,5 l/25 kg
Pot life:..... 30-40min.

PRODUCT INFORMATION

Hey'di item number:

25 kilo:..... 146

GTIN nr:

25 kilo:..... 7054150001465

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.

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