IKO multifix

Description:

2-component resin based on:

- Component A : epoxy resin
- Component B : polyamine based hardener

Use:

IKO multifix is suited for a large range of applications thanks to its exceptional characteristics, high compression resistance and ease of use :

- Fixing and sealing various objects (bolts, pebbles, metal rods) to materials such as stones, concrete, brick, cement, aluminium, cast iron, steel and wood.
- Fixing concrete borders to concrete surfaces.
- Finishing product for joints and edges : prevents crumbling.
- Anti-slip covering achieved by spreading sand on a pure layer of IKO multifix.

When mixed with gravel, pebbles or chippings, IKO multifix can be used :

- as a drainage layer around trees
- to raise and fix hatches, storm drains etc.

When mixed with coloured aggregates (gravel, pebbles, chippings, sand) IKO multifix can be used as a decorative finish.

- When mixed with sand IKO multifix can be used as a synthetic repair mortar (step edges, corners...)

Characteristics:

- Draining
- Very high mechanical resistance
- Perfect resistance to vehicles and haulage
- Multiple use
- Excellent compatibility with most surfaces : see uses
- Rapid polymerisation
- Excellent adherence
- Rapid and effective action without the need for special materials
- Excellent resistance to fats, oils, acids and diluted bases
- Decorative and resistant
- Minimal shrinkage
- Solvent-free

Caracteristics:

- Colour: transparent
- Density at 20°C : Part A: +/- 1.1, Part B : +/- 1
- Viscosity at 25°C : Part A : +/- 20,000 cps, Part B: +/- 1,000 cps
- Drying time at 20°C - RH 50-60%
  - Pot life: 25-30 minutes
  - Dry to the touch: +/- 4 hours
  - Hard (has its physical characteristics):: +/- 7 days
- Dry contents by weight: Part A : 100%, Part B: 100%
- Adhesion to concrete : break load under stress after hardening
- Speed = 1.000 N/se: 2.68 N/mm²
- Compression resistance - for mortars : +/- 900 kg/cm²
- Bending strength - for mortars : +/- 500 kg/cm²
- Setting time of the resin mortar: +/- 45 min.

Consumption rate:

± 1 kg IKO multifix per 25 kg granulate



Implementation:

1. Preparation of the substrate

- The substrate must be dry and free of non-adhesive particles.

2. Application of IKO multifix

- Mix all of component B with component A.
- Mix one unit IKO multifix of 4 kg with 8 to 100 kg of mineral substance.
- When using IKO multifix as a synthetic mortar, apply as an ordinary mortar.
- When mixing with aggregates, these should be dry.
- When mixing with sand (for mortar) or stones, this should be dry and free of organic materials.
- As soon as IKO multifix starts setting (light warming up - polymerisation) implementation should be stopped.
- Do not apply IKO multifix ta temperatures below 5°C.

Storage:

1 year in airtight packaging.

Sizing and palletization:

- 4 kg kit (item number 02100300)
- 280 kg kit in drums (item number 02100310 and 02100300)

With IKO Depaq quartz 6-8mm (density 2,5 kg/m²) the consumption is +/- 5 kg IKO multifix per m² for a thickness of 5cm

Cleaning tools and stains:

Immediately with thinner

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