

# IKO MULTIFIX

## Description:

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Two component system, containing :

- Part A : epoxy resins
- Part B : polyamine based hardener

## Use:

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IKO MULTIFIX is suited to 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:

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- 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.

## Characteristics:

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- Colour: translucent
- 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%
- 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/mm<sup>2</sup>
- Compression resistance - for mortars : +/- 900 kg/cm<sup>2</sup>
- Bending strength - for mortars : +/- 500 kg/cm<sup>2</sup>
- Setting time of the resin mortar: +/- 45 min.
- Exposure time for the mixture at 20°C-pot life: 25 to 30 min.

## Consumption rate:

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Varies with type of use.

## Implementation:

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### 1. Preparation of the surface

- The surface 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 100 kg of mineral substance.
- Pot Life : 25 to 30 min
- 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 in temperatures below 5°C.

## Storage:

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1 year in airtight packaging.

## Sizing and palletization:

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- 4 kg kit.
- 280 kg kit in drums



**Cleaning tools and stains:**

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Immediately with thinner.