

IKO ROUTE HD

Description:

Cold applied 2-component system based on polymethylmethacrylate (PMMA).

Use:

- **IKO ROUTE HD** is used for area marking of cyclepaths, walkways, traffic islands, Bus lane, roundabouts and hazardous points like school zones.
- **IKO ROUTE HD** can be applied on asphalt and concrete.

Characteristics:

- Elastic
- UV resistant
- High abrasion resistance
- Excellent adherence
- Cold applied
- Fast Curing
- Colorfast
- Good weather resistance
- Good chemical resistance

IKO ROUTE HD is available in red, ochre, green, grey, black, white and blue. Other colors can be obtained on request.

Consumption rate:

About 4 kg/m² for a layer thickness of 2 mm (2kg **IKO ROUTE HD** and 2 kg of granulate)

Cleaning tools and stains:

With ethyl acetate. (Never add solvents to **IKO ROUTE HD**)

Implementation:

Preparation of the surface

- Asphalt

Can be applied directly on clean asphalt free from flux oils. On fresh asphalt an adhesion test should be performed prior to application. The curing of the product should also be checked.

- Concrete

The substrate must be free from dust and grease, clean and dry. Any loose parts must be removed or repaired. Due to the porosity of concrete the surface should be treated with **IKO protect metaprim** (0.2-0.3 kg/m²).

- Existing road marks

The adhesion on existing road marks of **IKO ROUTE HD** is good under normal conditions. The adhesion will be determined by the coating underneath. On existing PMMA markings the adhesion is always good under normal conditions.

Application of IKO ROUTE HD

Mix **IKO ROUTE HD** mechanical for at least 30 seconds. Add the **PERKADOX CH-50** hardener (depending on the temperature : see instructions) and mix for one minute. Add the quartz granulate and stir for at least another minute until a homogenous paste is obtained. Pour the mixture onto the substrate and spread with a squeegee.

Mixing ratio resin-Perkadox CH-50

The mixing ratio temperature depending +5°C to +10°C

12.5 kg IKO ROUTE HD + 0.3 kg Perkadox CH-50 +10°C to +20°C

12.5 kg IKO ROUTE HD + 0.2 kg Perkadox CH-50 +20°C to +35°C

12.5 kg IKO ROUTE HD + 0.1 kg Perkadox CH-50

Mixing ratio resin - granulate

IKO ROUTE HD should always be mixed with the same amount of dry granulate (12.5 kg).

Pot Life

The product has a pot life of 10 minutes at 20°C.

Curing time

At a temperature of 20°C the curing time is about 30 minutes.

Storage:

12 months if kept in an unopened packaging and stored in a cool and frost-free area.

Packaging:

- **IKO ROUTE HD** : Pail 12.5 kg
- **GRANULATE**: Bag 12.5 kg (to be ordered separately)
- **PERKADOX CH-50**: Sac 0.1 kg (to be ordered separately)