# IKO route HD

## Description:

Cold applied and quick-curing 2-component coating based on PMMA (polymethylmethacrylate).

## Use:

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

## Characteristics:

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

## 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:

IKO metatech Cleaner

## Implementation:

**Preparation of the substrate**

- **Asphalt**

The substrate must be free from dust and grease, clean and dry. Any loose parts must be removed or repaired. The substrate should be treated with IKO metatech Bitumen Primer (0,4-0,8 kg/m²).

- **Concrete**

The substrate must be free from dust and grease, clean and dry. Any loose parts must be removed or repaired. The substrate should be treated with IKO metatech Porous Primer (0,4-0,8 kg/m²).

- **Existing road markings**

The adhesion of IKO route HD to existing road marking is good under normal conditions. The adhesion will be determined by the nature of the coating. On existing PMMA markings the adhesion is good under normal conditions.

**Application of IKO route HD**

Mix IKO route HD  mechanically for at least 30 seconds. Add the IKO perkadox hardener (depending on the temperature : see instructions) and mix for one minute. Add the IKO dorsilit 2mm 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-IKO perkadox**

The mixing ratio is temperature depending

+5°C to +10°C - 12,5 kg IKO route HD + 0,3 kg IKO perkadox

+11°C to +20°C - 12,5 kg IKO route HD + 0,2 kg IKO perkadox

+21°C to +35°C - 12,5 kg IKO route HD + 0,1 kg IKO perkadox

**Mixing ratio resin - granulate**

IKO routeHD 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 +/- 30 minutes.

## Storage:

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

## Sizing and palletization:

IKO route HD in metal tin of 12,5kg:

- Traffic red: itemnumber 02100720
- Traffic blue: itemnumber 02100710
- Traffic grey: itemnumber 02100770
- Traffic green: itemnumber 02100700
- Ocher: itemnumber 02100750
- Black: itemnumber 02100740
- White: itemnumber 02100760

IKO perkadox: 100g plastic bag (item number 00095110)

IKO route is delivered without IKO perkadox.

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