

IKO metatech

Description:

IKO metatech is a flexible and fast curing two-component coating based on methacrylates.

IKO metatech cures by adding the appropriate amount of catalyst (IKO perkadox).

Use:

IKO metatech is used as fully reinforced waterproofing resin in the following liquid waterproofing systems:

- IKO metatech Roof
- IKO metatech Balcony
- IKO metatech Car Park

Colour:

Standard stone grey RAL 7030 and pebble grey RAL 7032

Sizing and palletization:

IKO metatech stone grey RAL 7030 metal tin with net weight of 20kg (item number 02412020) and with net weight of 10kg (item number 02412010)

IKO metatech pebble grey RAL 7032 metal tin with net weight of 20kg (item number 02412120) and with net weight of 10kg (item number 02412110)

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

IKO metatech is delivered without IKO perkadox.

Storage:

12 months in the hermetically sealed packaging, when stored in a dry, cool and frost-free place.

Keep the edges of the tin clean.

When closing the tin, place the lid and the lever lock ring in the correct way and remove any product that might remain on the tin.

Certificates:

ETA-22/0465 according to EAD 030350-00-0402

BBA-24/7115

Production ISO 9001 & 14001



Root resistance according to EN13948 being tested



Technical characteristics:

Density	+/- 1,22 g/cm ³
Hardness	+/- 62 (Shore A 23°C)
Tensile strength	+/- 4,5 N/mm ²
% Elongation	+/- 240%
Viscosity	+/- 17 dPas (25°C, 20 rpm, spindle3)

Mixing ratio and instructions:

First stir the content of the tin mechanically at the low-speed setting. Add the IKO perkadox catalyst while stirring and mix mechanically and homogeneously at the low-speed setting during 2 minutes. Make sure that the product at the base and at the edge of the tin is properly mixed in.

The required amount of IKO perkadox for 20kg IKO Metatech depends on the temperature of the substrate:

- +3°C till +5°C 0,6kg IKO perkadox
- +6°C till +15°C 0,4 kg IKO perkadox
- +16°C till +40°C 0,2kg IKO perkadox

The temperature of the substrate should remain min. 3°C higher than the dew point during application and curing.

Curing time:

Pot life	+/- 15 min
Rain-proof	+/- 30 min
Can be walked on	+/- 45 min
Fully cured	+/- 2 h

Application:

Air temperature	5°C - 35°C
Substrate temperature	5°C - 40°C
Product temperature	5°C - 30°C

Consumption rate:

Min 3kg/m²

Cleaning of tools:

IKO metatech Cleaner



The technical information regarding the application of liquid waterproofing products supplied by IKO is provided in good faith on the basis of IKO's current know-how and experience, and assumes that these products will be used in accordance with the above-mentioned recommendations, under normal circumstances, and that these products were stored and handled in the correct manner. The above-mentioned information is only intended to inform the user about the various properties and/or recommendations, and can in no way be considered as a guarantee with regard to the merchantability and suitability for a specific purpose in view of the continuously changing environmental factors, including the specific conditions at the building site, the use of different materials and substrates, etc. As a result, and with the exception of binding legal stipulations to the contrary, IKO cannot be held liable on the basis of the provided information, and any other written recommendations and/or advice. Please contact IKO if you have any doubts regarding the processing, the end use or the application of these products. Users are recommended to consult the most recent edition of the technical data sheet. A copy of this will be provided upon request, or can be obtained from www.ikoflexia.com.