IKO metatech

Characteristics:

- Fast curing two-component coating based on methacrylates
- Flexible, also at very low termperatures
- Cures by adding the right amount of catalyst (IKO perkadox)
- Seamless and fully reinforced PMMA waterproofing
- Fast application wet-on-wet and fast curing
- ETA-certificate 22/0465 according to EAD 030350-00-0402 with CE-marking: W3, S, P1 to P4, TL4, TH4
- BBA-certificate 24/7115 for roof applications
- External fire exposure resistance: Broof(t1) and Broof(t4)
- Production ISO9001 & 14001

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

Sizing and palletization:

IKO metatech:

- Standard colours:
  - stone grey 7030: metal tin with net weight of 20kg (item number 02412020) and with net weight of 10kg (item number 02412010)
  - pebble grey 7032: metal tin with net weight of 20kg (item number 02412120) and with net weight of 10kg (item number 02412110)
- Project-specific colours are available. Please contact your IKO sales representative.

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

IKO metatech is delivered without IKO perkadox.

Application:

We refer to our technical installation guidelines

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

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

Substrate preparation:

We refer to our technical installation guidelines.

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 to +5°C	0,6kg IKO perkadox	3%
+6°C to +15°C	0,4kg IKO perkadox	2%
+16°C to +40°C	0,2kg IKO perkadox	1%

Cleaning of tools:

IKO metatech Cleaner



Technical characteristics:

Density	+/- 1,22 g/cm³
Hardness	+/- 62 (Shore A 23°C)
Tensile strength	+/- 4,5 N/mm²
% Elongation	+/- 240%
Viscosity	+/- 17 dPas (25°C, 20 rpm, spindle3)

More infomation can be found in the DOP 02412020 010122.

Curing time:

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

Consumption rate:

Min 3kg/m²

Chemical resistance:

++ Highly resistent + Resistent (max 24h)

+/- Limited resistence (max 1h)

Acetic acid up to 30%	+
Ammonia up to 25%	+
Citric acid up to 50%	+
Formic acid up to 10%	+
Formic acid up to 30%	+/-
Householdcleaners	++
Hydrochloric acid up to 10%	+/-
Lactic acid up to 30%	++
Lactic acid up to 80%	+
Nitric acid up to 10%	+/-
Phosphoric acid up to 20%	+/-

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.

Safety information:

We refer to our safety data sheet (MSDS), more specifically sections 2, 4, 5, 6, 7 and 8.

Phtalate	+
Satutared NaCl-solution	++
Sodium hypochlorite up to 5%	+

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 https://eu.iko.com.