

Metatech™ Field

LIQUID WATERPROOFING
MEMBRANE



STOCK# 02418110, 02418120

SIZE: 02418110 - 10 kg (8.2 L),

02418120 - 20 kg (16.4 L)

QUANTITY PER PALLET:

02418110 - 36 pails, 02418120 - 18 pails

PALLET SIZE:

122 cm x 102 cm (48 in x 40 in)

COLOUR: Grey

COVERAGE RATE:

02418110 - 35 ft² (3.2 m²)*/pail

02418120 - 70 ft² (6.5 m²)*/pail

Note: All reported values are nominal.
*May vary based on roughness of the surface.

IKO Metatech Field is a fast-drying two-component liquid waterproofing membrane based on the durable PMMA (polymethyl methacrylate) technology.

- FAST-DRYING
- SEAMLESS MEMBRANE
- CATALYST ACTIVATED



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Metatech Field

LIQUID WATERPROOFING MEMBRANE

IKO European PMMA Technology

IKO, a global leader in roofing and waterproofing, has leveraged their world-wide technological roofing expertise to bring the latest liquid waterproofing roofing membrane to North America. IKO Metatech Roof membrane is a PMMA two-component rapid curing material ideally suited to challenging roof installations and repairs in tight areas.

No Flames – No Smoke

Easily applied with a brush or roller, the IKO Metatech Field membrane is installed at ambient temperatures above +5°C (41°F). No open flames are required, no heating, no kettles, and no pumps or sprays. A simple mixing process is required to activate the liquid and bonding characteristics, with excellent coverage rates of about 3 kg/m² (0.61 lb/ft²).

Seamless Simplicity

Mixed on-site with IKO's activating catalyst, the IKO Metatech Field membrane yields a solid protective and continuous liquid membrane. A flexible polyester fleece is embedded into the initial coating layer, followed by a protective second coat of IKO Metatech Field, resulting in no exposed seams or laps, to provide a uniform durable finish.

UV Resistant

Since the IKO Metatech Field liquid membrane is inherently UV resistant, there's no need for additional cap sheets or flood-coat-and-gravel applications. Perfect for roof installations needing quick but long-lasting protection, the IKO Metatech liquid waterproofing membrane can typically be walked on within an hour after installation and is fully cured and weather-resistant in only a couple of hours.

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Mixing Ratio:

SUBSTRATE TEMPERATURE	WEIGHT IKO METATECH CATALYST PER 10 KG PAIL	WEIGHT IKO METATECH CATALYST PER 20 KG PAIL	WEIGHT IKO METATECH CATALYST PER LITRE (1 KG = 0.82 LITRES)
5°C (41°F)	300 g	600 g	36.6 g per litre
6°C (42.8°F) to 15°C (59°F)	200 g	400 g	24.4 g per litre
16°C (60.8°F) to 40°C (104°F)	100 g	200 g	12.2 g per litre

Technical Details:

PROPERTY	TEST METHOD	RESULT	
Peak Load @ 23°C Average kN/m (lbf/in):	ASTM 5147	14.7 MD (84)	12.3 XD (70)
Elongation @ Peak Load Average %:	ASTM 5147	84 MD	87 XD
Tensile Strength MPa:	ASTM D412	6.3 MD	6.8 XD
Shore A Hardness Average:	ASTM D2240	75	
Water Absorption (Method I) (24h @ 23°C) %:	ASTM D570	0.70	
Water Absorption (Method II) (48h @ 50°C) %:	ASTM D570	1.99	
Low Temp Flexibility:	ASTM D5147 Section 11	Pass @ -34°C	
Tear Strength N:	ASTM D5147 Section 7	361 MD	260 XD

Physical & Mechanical values are based on testing and evaluation of a Metatech Roof System reinforced with Metatech Polyester Fleece as per IKO Commercial installation instructions.