



ROOFCONCEPTS • Torch-on Membrane System

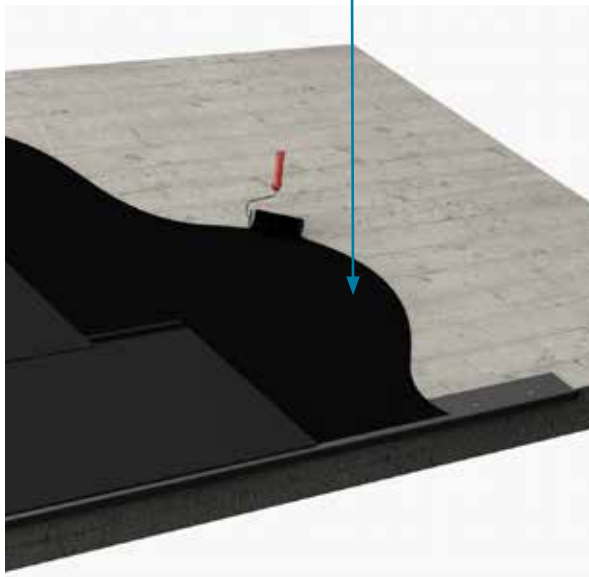
IKO Primer AD

IKO Armourbase Thermo AD

Mechanical fixing

• IKO Primer AD

is a bituminous water based primer which helps block dust and reduces concrete porosity. The product provides good adhesion, penetration of the substrate and above all that it is formulated with water, therefore it is not flammable and is not dangerous to use. The product is odorless.



Technical Characteristics	Value
Aspect	Liquid
Color	Brown
Density at 20° C in kg/l	0,98 - 1,08
Drying time out of dust	Approximately 20 min. (+20°C)
Drying time to touch	Approximately 90 min. (+20°C)
Dry residual at 130° C	30 % ± 5
Yield	200-300 gr/m ² depending on the substrate absorption
Flammability point	Not flammable
Packaging	20 L

Out of dust time and drying time are directly subordinate to temperatures, environmental conditions, level of moisture in the air, nature of support, porosity, state of alteration of the surface.



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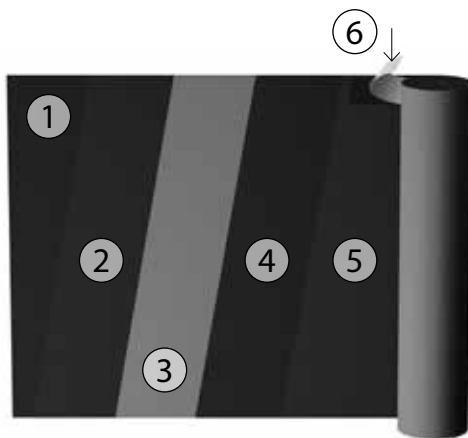
IKO Primer AD

IKO Armourbase Thermo AD

Mechanical fixing

• **IKO Armourbase Thermo AD**

is a modern thermo-adhesive membrane. The heat activated membranes of **IKO Armourbase Thermo AD** can be used with success in a wide range of waterproofing applications such as very low sloped roofs with concrete or wooden deck structure where bitumen shingles are applied without nail fixation. This membrane presents numerous and important advantages, such as easy application with consequential savings on time and the possibility to apply the material on surfaces which are not suitable to open flame.



1. PE silicon release film
2. Heat activated bitumen mass
3. Single strand composite polyester reinforcement
4. Top coated adhesive bitumen mass
5. Polypropylene mat
6. Selvedge PE silicon release film

Technical Characteristics	Unit	Reference norm	Product description/Performance	Tolerance
Type of reinforcement			Reinforced polyester	
Upper face finish			Polypropylene mat / Selvedge PE silicon release film	
Lower face finish			PE silicon release film	
Length	m	EN 1848-1	7,5 - 1%	≥
Width	m	EN 1848-1	1,0 - 1%	≥
Thickness	mm	EN 1849-1	2,5	± 5 %
Flexibility at low temperature	°C	EN 1109	NPD	
Tensile strength L/T	N/50 mm	EN 12311-1	400/300	± 20 %
Elongation at break L/T	%	EN 12311-1	35/35	± 15
Nail shank tear resistance L/T	N	EN 12310-1	120/120	± 30 %
Dimensional stability	%	EN 1107-1	0,3	≤
External fire performance		EN 13501-5	F _{roof}	
Reaction to fire		EN 13501-1	Class F	
Watertightness	kPa	EN 1928	60	≥
Water vapour transmission	μ	EN 1931	100.000	≥
Peel resistance at 180° on APP shingle	N	EN 12316-1	50	-20 N
Peel resistance at 90° on wood support	N	EN 12316-1	50	-20 N



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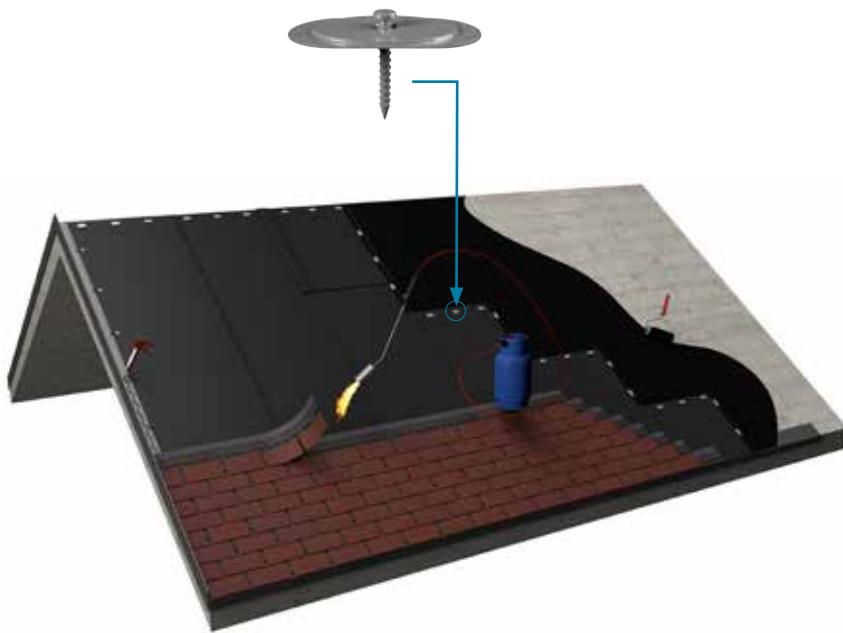
IKO Primer AD

IKO Armourbase Thermo AD

Mechanical fixing

- **Mechanical fixing** is a concrete screw with plate for fixation of **Armourbase Thermo AD** for slopes **15°-45°**

Technical Characteristics	Screw EFHD-63045	Plate DVP-EF-8040N
Diameter	6,3 mm	80 x 40 mm
Diameter hole	-	6,5 mm
Length	45 mm	-
Thread	40 mm	-
Head type / point type	Torx T25 / Ricoh point	-
Packaging	1000 pcs	500 pcs



Recommended length into concrete min. 35 mm.
 Pre-drilling is necessary. Use a drill diameter Ø 5,0, 5,2 or 5,5 mm for pre-drilling.
 The drill diameter is dependant on the quality of the concrete.
 Drilling depth: a minimum of 10 mm deeper than the length of the screw.



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