

TECHNICAL DATASHEET

Cromatorch Arcoflex

Description & Uses

CROMATORCH ARCOFLEX is a waterproofing membrane made of distilled bitumen modified with SBS (styrene-butadiene-styrene) polymers that make it very elastic, resistant to thermal ageing and flexible at low temperatures. The elastomeric compound ensures ease of application, reduced consumption of gas and has excellent adhesion properties that ensure, when the membrane is properly installed, superior bonding and tightness of all joints and overlaps.

The carrier is a composite polyester stabilised with longitudinal glass yarns that provide very good dimensional stability and prevent problems of shrinkage caused by weathering in time.

Product Details

Properties	Test Method	Unit	Arcoflex	Cromatorch Arcoflex Mineral	Tol.
Tensile Strength (at break) L/T	EN12311-1	N/5 cm	500/400	500/400	±20%
Elongation (at break) L/T	EN12311-1	%	35/35	35/35	±15
Tear resistance (nail test) L/T	EN 12310-1	N	140/140	140/140	±30%
Resistance to static loading	EN12730 (A)	Kg	15	15	≥
Impact Resistance	EN12691	mm	800	800	≥
Dimensional stability	EN1107-1	%	±0.3	±0.3	≤
Flexibility at low temperature	EN 1109	°C	-10	-10	≤
Flow resistance at elevated temperature	EN1110	°C	90	90	≥
Watertightness (method A)	EN1928	kPa	60	60	≥
Resistance to water vapor diffusion (μ)	EN1931	-	20.00	20.00	-
Reaction to fire	EN13501-1	Class	E	E	-
Resistance to external fire	EN13501-5	Class	FROOF	FROOF	-

Use & Application

CROMATORCH ARCOFLEX is recommended as a base sheet or as an intermediate layer in multi-layer waterproofing constructions for flat, pitched or vaulted roofs, made of reinforced concrete cast on

site or prefabricated, for terraces, under-floorings etc. CROMATORCH ARCOFLEX must always be protected by a torch applied cap sheet membrane or by screed or other heavy duty protection (the use of reflective paint is not recommended for this type of membranes). Direct exposure to UV should be avoided.

CROMATORCH ARCOFLEX MINERAL is recommended for use as a cap sheet layer in multi-layer waterproofing systems. Subject to the type of substrate it shall be installed by means of a propane gas torch, approved adhesives or by mechanical fixing. In any case it is recommended to prepare substrate with fixative bituminous PRIMER (water base) or PRIMER (solvent base).

Storage

Keep the rolls in the upright position, protected from the sun (temperature ranging between 0°C and 40°C) and well away from heat sources and electrical plant. No measures are needed to prevent the build-up of static electricity. Keep proper fire-fighting equipment available at all times.

Limitations

- It is the user's responsibility to ensure suitability for use. Safety Data available on request.
- Read the label carefully for essential health and safety information prior to use.

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com.

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