

TECHNICAL DATA SHEET

CROMATORCH APP

Issue 5 – October 2015

Description: Cromatorch APP is a range of prefabricated Polymeric Bitumen Membranes manufactured from distilled bitumen and modified by high molecular weight plastomeric-polymers (APP), that give the waterproofing compound excellent thermal stability, resistance to atmospheric conditions and ageing due to temperature variation, reinforced with a non-woven polyester. The elastoplastomeric membranes in Cromatorch APP range represents the advancements of modern technology and when used correctly it can satisfy every requirement of a waterproofing membrane.

Intended Use: On domestic civil and industrial roofs in multi-layer systems.
Concrete roofs (flat or curved), metal and timber decks.
Warm or cold roofs.
Underfloor, foundations, underground, tanking, terraces, canals.
Undertiles or slates and re-roofing of existing coverings.
The mineral version, with slate chippings is specifically used as a capsheet.

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.

Application: The deck surface should be prepared correctly (all debris removed). The surface should be coated with Cromar's Bitumen Primer. The rolls should be aligned, with lap joints of at least 8.5cms. The membrane should be applied with an appropriate propane gas torch. The end laps should be melted and refinished with a heated trowel. The lap should be 10cms. If the bituminous membrane is not protected by chippings, it should be coated with Cromar's Aluminium Paint.

Properties: **Cromatorch APP (Plain/Mineral)**

Property	Test Method	Unit	Plain	Mineral
Reinforcement			Non-Woven Polyester Fabric	
Tensile Properties: Maximum force Long/Trans	EN - 12311 - 1	N/5cm	750/500	750/500
Elongation at maximum force Long/Trans	EN - 12311 - 1	%	40/40	40/40
Tear Resistance Long/Trans	EN - 12310 - 1	N	140/140	140/140
Static Loading Resistance on hard support	EN - 12730	Kg	15	15
Resistance to impact on hard support	EN - 12691	Mm	20	20
Low temperature flexibility	EN - 1109	°C	-5	-5
Flow resistance at elevated temperatures	EN - 1110	°C	120	120
Dimensional Stability Long/Trans	EN - 1107 - 1	%	≤+0,5	≤+0,5
Shear resistance of joints Long/Trans	EN - 12317 - 1	N/5cm	≥ 500 or breakage outside joint	
Watertightness	EX - 1928	KPa	60	60

Cromatorch 2mm (Underlay)

Property	Test Method	Unit	Plain
Reinforcement			
Tensile Properties: Maximum force Long/Trans	EN - 12311 - 1	N/5cm	350/200
Elongation at maximum force Long/Trans	EN - 12311 - 1	%	2/2
Tear Resistance Long/Trans	EN - 12310 - 1	N	80/80
Static Loading Resistance on hard support	EN - 12730	Kg	10
Resistance to impact on hard support	EN - 12691	Mm	20
Low temperature flexibility	EN - 1109	°C	-5
Flow resistance at elevated temperatures	EN - 1110	°C	120
Dimensional Stability Long/Trans	EN - 1107 - 1	%	=
Shear resistance of joints Long/Trans	EN - 12317 - 1	N/5cm	≥ 350/200
Watertightness	EX - 1928	KPa	60

Roll Dimensions: 1m x 8m roll Sand 4 kg, 30 per pallet
Mineral 4.5 kg, 25 per pallet
1m x 16m roll Underlay. 30 per pallet

Packaging: In shrink wrap pallet covers/wooden pallets.

Health & Safety: Please refer to the Health and Safety Data Sheet on Cromatorch APP

Further Information:

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

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