



CL – MEMBRANE SA15-10

COLD APPLIED SELF ADHESIVE SHEET WATERPROOFING MEMBRANE

DESCRIPTION

CL-MEMBRANE SA15-10 is a underlay cold applied self-adhesive sheet waterproofing membrane specially designed for below grade and deck waterproofing applications. CL-Membrane SA15-10 consists of a polymer modified bituminous compound and a polyethylene surface film to assist in handling. The adhesive surface is protected with a release film that removed before application.

USES

- To provide a waterproof membrane for civil engineering structures.
- To protect concrete from attack by aggressive groundsills.
- Typical application include reservoir, roofs and slab as well as for all buildings, roof-top, common exit, exit for cable wire, large building, underground waterproofing, sewage disposal plant, power plant and etc.

FEATURES

- Excellent bond to substrates
- Good mechanical characteristics
- Safe for installation as no fire is required
- Ease of installation with self-adhesive property and time saving

TECHNICAL INFORMATION

PRODUCT	METHOD	UNIT	LIMIT
Reinforcement	-	-	Polyester
Upper surface finish	-	-	Polyethylene film
Lower surface finish	-	-	Silicon release film
Tensile Strength Long/Trans	ASTM D5147	N/5cm	≥ 300/200
Elongation at break Long/Trans	ASTM D5147	%	≥ 15/25
Tear Resistance Long/Trans	ASTM D4073	N	100/100
Watertightness at 0.1MPa for 24 hours	EN 1928	-	Pass

This product affixes the CE marking, in accordance to EN-13707 standard for "Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing".

DIMENSION AND PACKAGING

Typical thickness : 1.5mm
 Width : 1m
 Length : 20m
 Packaging : in shrinkable polyethylene on pallets

INSTALLATION

- Surface to be treated must be clean, free of dust and dry; concrete must be fully cured.
- For fully bonded membrane installation, priming with CL-Bitumen Primer is required. Apply CL-Bitumen Primer with brush, roller or squeegee. Allow it to dry completely prior to membrane application, usually at least 2-4 hours depending on climate condition.
- Installation of the membrane is then commenced once the (primed) surface is dried and ready. First unroll the entire membrane to ascertain its layout and proximity to the adjacent roll. End joints must be staggered, and overlap of four corners are not permissible. The membrane is then re-rolled. Next remove the release paper that protects the adhesive surface and unroll the membrane to adhere onto the (primed) surface. The side and head laps must be overlapped respectively of 10cm and 15cm. It is recommended to mechanically fix head and side laps.
- The membrane must be uniformly pressed on to the surface using roller so as to obtain strong adhesion. The laid CL-Membrane SA15-10 should be protected using CL-Foam 2000 or sand/cement screed for horizontal application prior to further construction.



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Disclaimer: Specification are subject to change without notification.



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