Stratigraphy

- 1. Silicon release flm
- 2. Waterproofng compound
- 3. Reinforced polyester single-strand reinforced polyester
- 4. Waterproofng compound
- 5. Sand finish

DESCRIPTION

LEMAX waterproofingmembrane are quality torch applied membrane manufactured from premium grade heavily modified bitumen. It has been developed and produced of plastomeric polymer bitumen membrane BPP, compound in distilled bitumen modified with high molecular weight polymers, reinforced with non woven polyester strand thus guaranteering superior performance under various conditions.

USES

LEMAX waterproofingmembrane is ideal for use in wide range of waterproofing applications such as foundations, tunnels, basements, roofs, car park decks and other civil work.

- -All concrete roof and floor slab
- -Basement tanks
- -Car park deck slabs
- -Concrete retain structures
- -Subway
- -Tunnel
- -Brigde deck
- -Water treatment
- -Swimming pool

INSTRUCTION FOR USE

1. Surface preparation

- The surface of concrete substrate shall be smoothed with a steel trowels and shall be removed any loosed aggregates sharp projection sand others likely to damage the membrane. Smooth transition should be made at wall/parapet/floor slab junctions using sand/cement mortar. The surface must be cleaned by brush and keep clean condition during waterproofing application.

2. Primer application

- Apply primer with a paint brush or roller thinly and uniformly. Primer should be applied onlythe area to be covered with membranein working day. Membrane can be covered 2 ~ 3 hours after priming in normal weather and concrete surface conditions.



Spread the film roll in a straight line



Addheat memberane



Stacked edges



Apply the membrane to the surface face tilt or stand

3. Membrane application

To apply straightly the membraneon the concrete surface, unroll and align the roll with a straight line, and reroll from both edges toward center of theroll. During each stage, must be overlap the next layer by at least 10cm by width.

The membrane roll back without changing the orientation. The rolled membrane is slowly unrolled again while it's surface is lightlheated, transeversally. By means of gastorch, thus causing surface melting and subsequent adhesion to the surface. Addheat the bottom of the membrane steadily and evenly with gas torch till the back side film is melted to flow. Then stick the membraneto the surface with pressure. End joints should be made with a minimum of 10cm overlap. On vertical or inclined surface, the membrane shall be laid from the lowest level to upwards.

TECHNICAL DATA SHEET

PRODUCT		LEMAX 4MM S APP				
Compound	BPP	BPP (bitumen modified plastomeric polymers)				
Reinforcement	Non woven polyester strand					
CHARACTERISTICS	EN DRC	UNIT	VALUE		TOL	
Visible Defects	EN 1850-1		pass			
Thickness	EN 1849-1	mm	4,00		-10%	
Weight and Length	EN 1848-1	m	1,00	10	-1%	
Straightness	EN 1848-1	mm	max 20		pass	
Max Tensile Force (L/T)	EN 12311-1	N/5cm	700	550	-20%	
Elongation (L/T)	EN 12311-1	%	40	40	-15 abs	
Resistance to Tearing (L/T)	EN 12310-1	N	180	160		
Resistance to Static Loading	EN 12730	Kg	15	;		
Resistance to Impact	EN 12691	mm	700			
Joint Strength(L/T)	EN 12317-1	N/5cm			npd	
Peel Resistance of Joint(L/T)	EN 12316-1	N/5cm			npd	
Pliability (Cold Flex)	EN 1109	°C	-20		pass	
Pliability(Cold Flex) –Aged	EN 1296	°C			npd	
U.V Artifical Ageing(Visible Defects)	EN 1296					
Watertightness	EN 1298	kPa	60			
Water Vapour Permeability	EN 1931	μ x 100	20		Npd	
Water Vapour Permeability (Aged)	EN 1296	μ x 100			npd	
Form Stability(New/Aged)	EN 1110	°C	120		pass	
Dimensional Stability(L/T)	EN 1107-1	-	-0,25	0,15	pass	
Root Resistance	MBP group	% add			npd	
External Fire Performance	EN 13501-5	Class	F(roof)		npd	
Reaction to Fire	EN 13501-1	Class	F		npd	
Granule Adhesion	EN 12039	%			npd	
Upper Finishing		Mineral				
Lower Finishing		Sand				
Rolls x pallet/Packaging	24	24 With shrinkable pe, on pallets				

Size & Packing

	P 4.0 mm
Roll size [m]	10x1
Roll number/pallet	24
Area/pallet [m]	240



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08/06/2016 - La presente versione annulla e sostituisce tutte le precedent