

DATASHEET

SELF-DAN AL 100

DESCRIPTION: SELF-ADHESIVE BITUMINOUS MEMBRANE MODIFIED WITH SBS POLYMERS AND METALLIC SELF-PROTECTED SURFACE.

UPPER SURFACE: ALUMINIUM FOIL (60/1000MM)

LOWER SURFACE: REMOVABLE PROTECTIVE FILM

- INSTRUCTIONS:**
1. SUBSTRATE SHOULD BE DRY AND CLEAN FROM GREASE, DIRT, DEBRIS OR ANY OTHER CONTAMINANTS.
 2. WHERE APPLICABLE, PRIME SURFACE WITH BITUMEN PRIMER SA IN ACCORDANCE WITH DANOSA UK INSTRUCTIONS AND ALLOW TO DRY.
 3. FOR FIELD APPLICATIONS:
 - a. ROLL THE MEMBRANE INTO POSITION, ALLOWING FOR 80MM SIDE OVERLAPS AND 150MM HEAD OVERLAPS AND CUT TO LENGTH. ALL OVERLAPS AND CROSS JOINTS SHOULD BE STAGGERED BY A MINIMUM OF 300MM.
 - b. ROLL BACK THE MEMBRANE FOR A PORTION OF THE LENGTH (APPROXIMATELY 50%).
 - c. CUT ACROSS THE REMOVEABLE PROTECTIVE FILM UNDERSIDE, AND PEEL THE FILM OFF.
 - d. PEEL THE LEADING EDGE OF THE FILM UP AND TUCK IT UNDER THE ROLL TO ENABLE THE RELEASE OF THE REMAINDER WHEN UNROLLING.
 - e. ROLL THE MEMBRANE FORWARD, APPLYING EVEN PRESSURE DOWNWARDS AND OUTWARDS, AVOIDING TRAPPING POCKETS OF AIR.
 - f. ROLL BACK THE REMAINING PORTION OF THE MEMBRANE TO THE LEADING EDGE OF THE RELEASE FILM.
 - g. ON COMPLETION, USE A SOFT BROOM OR ROLLER TO APPLY PRESSURE OVER THE TOTAL AREA, ENSURING ALL OVERLAPS ARE FULLY SEALED.
 4. FOR DETAIL APPLICATIONS
 - a. PLACE THE MEMBRANE INTO POSITION AND CUT TO LENGTH ENSURING ALL OVERLAPS AND CROSS JOINTS ARE STAGGERED BY A MINIMUM OF 300MM.
 - b. REMOVE PROTECTIVE FILM FROM REAR OF THE MEMBRANE.
 - c. APPLY PRESSURE AND CONSOLIDATE THE BOND TO THE SUBSTRATE, ENSURING ALL OVERLAPS ARE FULLY SEALED.

WHERE FALLS APPLY, MEMBRANE ROLLS SHOULD BE ROLLED UP THE SLOPE SO THAT WATER DRAINS OVER AND NOT INTO MEMBRANE OVERLAPS.

NB. WHEN USED AIR AND VAPOUR CONTROL LAYER, THIS PRODUCT IS ONLY SUITABLE FOR FULLY SUPPORTED SUBSTRATES.

NOTE: AS THIS PRODUCT IS NOT DESIGNED FOR UV-EXPOSED CONDITIONS DANOSA ADVISE THAT WHEN USED AS AN AIR AND VAPOUR CONTROL LAYER, THE PRODUCT IS PROTECTED AS SOON AS REASONABLY POSSIBLE WITHIN A NORMAL SEQUENCE OF WORK. HOWEVER, UNDER NORMAL CIRCUMSTANCES AND CONDITIONS THIS PRODUCT MAY FUNCTION TEMPORARY WATERPROOFING LAYER FOR UP TO 2 WEEKS. EXTREME WEATHER MAY SIGNIFICANTLY REDUCE THIS EXPOSURE TIME. OVER-EXPOSED PRODUCTS MAY REQUIRE LOCALISED REPAIR AND/OR REPLACEMENT.

PRODUCT CHARACTERISTICS:

PROPERTY	STANDARD	AVERAGE DATA	UNITS
REACTION TO FIRE	UNE-EN 11925-2 UNE-EN 13501-1	E	-
WATERTIGHTNESS	UNE-EN 1928	PASS	-
LONGITUDINAL TENSILE STRENGTH	UNE-EN 12311-1	200 ± 100	N/50MM
TRANSVERSAL TENSILE STRENGTH	UNE-EN 12311-1	200 ± 100	N/50MM
RESISTANCE TO ROOT PENETRATION	UNE-EN 13948	NOT PASSED	-
JOINT STRENGTH: SHEAR RESISTANCE	UNE-EN 12317-1	200 ± 100	N/50MM
FLEXIBILITY AT LOW TEMPERATURE	UNE-EN 1109	< -15	°C
HUMIDITY RESISTANCE FACTOR	UNE-EN 1931	>20,000	-
MASS PER UNIT AREA (NOMINAL)	-	1.2	KG/M ²
MASS PER UNIT AREA (MINIMUM)	-	1.0	KG/M ²
NOMINAL THICKNESS	-	1.2	MM
FLOW RESISTANCE AT ELEVATED TEMPERATURE	UN-EN 1110	>70	°C

MEMBRANES THICKNESS TOLERANCE: = -0.3 MM EXCLUDING MEMBRANES WITH THICKNESS 2 AND 2.4 MM FOR WHICH THE TOLERANCE IS = -0.2 MM.
MEMBRANES MASS PER UNIT AREA TOLERANCE: -5% (MINIMUM) AND +10% (MAXIMUM) FROM NOMINAL VALUE.

ADDITIONAL STANDARDS & CERTIFICATION:

UNE EN 13707.
UNE EN 13969.

ENVIRONMENTAL INFORMATION:

PROPERTY	STANDARD	AVERAGE DATA	UNITS
PRE-CONSUMER RECYCLED CONTENT	-	0	%
POST-CONSUMER RECYCLED CONTENT	-	35	%
MANUFACTURING LOCATION	FONTANAR, GUADALAJARA (SPAIN)		
VOLATILE ORGANIC COMPOUNDS (VOCS)	ISO 16000-6:2006	50 (A+)*	MG/M ³
RADON DIFFUSION COEFFICIENT	ISO/DTS 11665-13	< 1.0, EXP -13	M ² /S

* A+ CLASSIFICATION ACCORDING TO DECREE NO. 2011-321 OF 23 MARCH 2011 THE MINISTRY FRENCH ECOLOGY, SUSTAINABLE DEVELOPMENT, TRANSPORTATION AND HOUSING

PRODUCT DIMENSIONS & PACKING:

	PRODUCT	WIDTH (M)	LENGTH (M)	ROLL WEIGHT (KG)
205017	SELF-DAN AL 100	1.00	10.00	12.00
-	-	0.15	10.00	3.00

NOTE: ALL WEIGHTS ARE APPROXIMATE, AND MAY NOT INCLUDE PACKAGING MATERIALS.

STORAGE: ROLLS SHOULD BE STORED UPRIGHT IN A COOL, DRY AREA INSIDE ORIGINAL PACKAGING. PRODUCTS ARE SUPPLIED ON A CARDBOARD TUBING.

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