

DATASHEET

DANOPREN UPSTAND BOARD

DESCRIPTION: 50MM RIGID EXTRUDED POLYSTYRENE (XPS) FOAM INSULATION BOARD WITH 6MM FIBRE CEMENT BOARD FACING.

FACING(S): 6MM FIBRE CEMENT

BOARD SIZE(S): 1200 X 600MM

THICKNESSES: 56MM

- INSTRUCTIONS:**
1. ENSURE SURFACES ARE CLEAN, DRY, WITHOUT LARGE PROJECTIONS, STEPS OR GAPS.
 2. POSITION DANOPREN UPSTAND BOARD, BUTT JOINTING ADJACENT BOARDS ENSURING NO GAPS BETWEEN BOARDS.
 3. RESTRAIN DANOPREN UPSTAND BOARD IN PLACE AT BASE BY STEPPING BACK FIELD AREA INSULATION. THE TOP OF THE DANOPREN UPSTAND BOARD SHOULD BE RESTRAINED BY A SUITABLE CLIP OR COUNTERFLASHING.

IN MULTI-LAYER APPLICATIONS, THE SAME PRINCIPALS APPLY BUT BOARD JOINTS SHOULD BE OFFSET FROM THE UNDERLYING LAYERS TO AVOID THERMAL-BRIDGING.

NOTE: DO NOT MECHANICALLY FASTEN THIS PRODUCT THROUGH THE PRIMARY WATERPROOFING SYSTEM. WE DO NOT RECOMMEND ADHESIVE-BONDING THIS PRODUCT.

PRODUCT CHARACTERISTICS:

PROPERTY	STANDARD	AVERAGE DATA	UNITS
THICKNESS TOLERANCE	EN 823	± 2	MM
LENGTH TOLERANCE	EN 822	± 8	MM
WIDTH TOLERANCE	EN 822	± 8	MM
FLATNESS	EN 825	6	MM/M
SQUARENESS	EN 824	5	MM/M
THERMAL CONDUCTIVITY	EN 12667	0.034	W/MK
COMPRESSIVE STRENGTH	EN 826	≥ 300	KPA
COMPRESSIVE CREEP MAX 2% DEFLECTION (50 YEARS)	EN 1606	≥ 95	KPA
LONG-TERM WATER ABSORPTION BY TOTAL IMMERSION	EN 12087	≤ 0.7	VOL. %
LONG-TERM WATER ABSORPTION BY DIFFUSION	EN 12088	≤ 3	VOL. %
WATER ABSORPTION BY FREEZE-THAW CYCLING	EN 12091	≤ 1	VOL. %
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	EN 12086	≥ 80	μ
DIMENSIONAL STABILITY	EN 1604	≤ 5	%
REACTION TO FIRE (INSULATION EXCLUDING FACING)	EN 13501-01	EUROCLASS E	-
COEFFICIENT OF LINEAR THERMAL EXPANSION	-	0.07	MM/M·K
WORKING TEMPERATURE RANGE	-	-50 TO +75	°C
SPECIFIC HEAT CAPACITY	-	1.450	J/KG·K
NOMINAL DENSITY	EN 1602	32	KG/M ³
CAPILLARY	-	NONE	-

PRODUCT:

CODE	PRODUCT
321946	DANOPREN UPSTAND BOARD

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

FIRE PERFORMANCE:

THE IMPACT RESISTANT FACING BOARD COMPLIES WITH THE PERFORMANCE REQUIREMENTS OF CLASS O OF THE BUILDING REGULATIONS, IS INCOMBUSTIBLE TO BS 476 PART 4 AND IS RATED CLASS 1 SURFACE SPREAD OF FLAME TO BS 476 PART 7.

ADDITIONAL STANDARDS & CERTIFICATION:

EPBD RECAST 2010/31/EU. ENERGY PERFORMANCE OF BUILDINGS

UK: BUILDING REGULATIONS 2010 (SI 2010/2214) AMENDED IN 2012 AND 2013. APPROVED DOCUMENTS (2013) - L1A, L1B, L2A, L2B. STANDARD ASSESSMENT PROCEDURE - SAP 2012

CONSTRUCTION PRODUCTS REGULATION (UE) 305/2011

EN 13164. THERMAL INSULATION PRODUCTS FOR BUILDINGS – FACTORY MADE EXTRUDED POLYSTYRENE FOAM (XPS) PRODUCTS – SPECIFICATION

CE MARKING.

CONFORMITY ACCORDING TO EN 13164 FOR ALL DANOSA FACTORY MADE XPS PRODUCTS IN EUROPE.

FRENCH ACERMI CERTIFICATE GRANTED TO DANOPREN TR, IN COMPLIANCE WITH EN 13164 AND OWN ACERMI RULES.

SPANISH AENOR CERTIFICATE GRANTED TO DANOPREN TR, IN COMPLIANCE WITH EN 13164.

ENVIRONMENTAL INFORMATION:

PROPERTY	AVERAGE DATA	UNITS
CFC AND HCFC FREE	YES	-
ODP (OZONE DEPLETION POTENTIAL)	0	-
GWP (GLOBAL WARMING POTENTIAL)	<5	-
BRE GREEN GUIDE RATING	A (TYPICAL)	-

STORAGE: STORE IN A COOL, DRY AREA INSIDE ORIGINAL PACKAGING ON A FLAT, LEVEL SURFACE.

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REGISTERED OFFICE: INDEPENDENCE UNIT 3, STANBRIDGE ROAD, HAVANT, HAMPSHIRE, PO9 2NS

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