



BLUECHIP

Insulation Products

SINIAT BOARD

Product Brochure

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# SINIAT WD

## Weather Defence Rigid Air Barrier


### Description

SINIAT WD is a weather resistant, highly breathable rigid air barrier (RAB) that is also non-combustible, vapour permeable and doubles as a fire-resistant board to provide a fire barrier between the façade and the interior. Providing better weather resistance than pliable alternatives it also equalises air pressure within the outer wall cavity to prevent water ingress. It requires no additional sarking due to its patented hydrophobic core and integrated liner and it can be exposed to weather for up to 12 months prior to being over-clad, offering early access for internal trades.


### Product Features




**FOUR-IN-ONE SOLUTION**  
SINIAT WD is fire resistant, non-combustible, vapour permeable and weathertight all in one product. Eliminating the need for a breathable membrane saving time and reducing installation cost.




**FRL TESTING**  
SINIAT WD solutions offer fire resistant wall systems up to 60/60/60 which satisfy Deemed-to-Satisfy compliance for vertical & spandrel fire separation between floors and openings.




**AIR & WEATHER TIGHT**  
Along with the proprietary joint sealing system, SINIAT WD is extremely airtight with leakage of 0.002m3/m2/hr for compliance with the NCC 2019 air leakage requirements for class 2-9 buildings.




**PATENTED TECHNOLOGY**  
SINIAT WD is weathertight with no need for additional sarking thanks to a patented hydrophobic core and glass matt liner technology. Proprietary joint jape must be used on all joints, corners and openings.




**BREATHABLE BARRIER**  
SINIAT WD is highly breathable at 0.49 MNs/g or 2.04 µg/N.s allowing water vapour to escape the cavity and helping to control moisture build up, unlike other non-permeable back pan methods.



**MANUFACTURER'S WARRANTY**  
SINIAT WD is manufactured by Etex Group, one of the largest suppliers of construction materials globally and it comes with a 12 year warranty when installed by a certified installer



**UP TO 1YR EXPOSED**  
SINIAT WD can be left exposed to the weather for up to 12 months before cladding is installed allowing early lock up and start of internal trades and linings as building is weather sealed.



**NON-COMBUSTIBLE**  
SINIAT WD is deemed non-combustible according to C1.9 of the BCA/NCC 2019 and can be used in any cladding or lining application where non-combustible materials are required.

### Availability

CODE	DESCRIPTION	LEAD TIME	MOQ
SWD2412	SINIAT WD 13mm Rigid Air Barrier Board, 2400 x 1200mm	Stock	1 Sheet
SWDS60	SINIAT WD Fireblock XT Sealant, 600ml Sausage	Stock	20 Sausages
SWDM38	SINIAT WD 38mm Self Drilling Metal Screw, 1000 Pack	Stock	1 Pack
SWDT42	SINIAT WD 42mm High Thread Timber Screw, 1000 Pack	Stock	1 Pack
ITS6030	INSULTAPE 60mm Proclima / Siniat Tape, 30m Roll	Stock	1 Roll
ITS15020	INSULTAPE 150mm Proclima / Siniat Tape, 20m Roll	Stock	1 Roll

### Technical Data

TEST ITEM	STANDARD	RESULT
Material Density	Kg/m³	860
Reaction to Fire	EN 13501-1	A1
Non-combustible (DtS)	C1.9(e)	Pass
Resistance to Mould Growth	ASTM 03273	Pass
Thermal Conductivity	W/mK	0.25
Thermal Resistance	R-value	0.05
Water Vapour Resistance	MNs/g	0.49
Water Uptake (2hrs Immersion)	EN 520	<3%
Water Absorbtion (2hrs Cobb Test)	g/m²	<100
Dimensional Change	mm/m	<0.11
Flexural Strength	N	>310
Elastic Modulus	MPa	>3150
Impact Resistance	EN 15283-1	GM-I
Compressive Strength	N/mm2	9

### INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.







We've Got It Covered

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