

# Procheck FR200

## FIRE RETARDANT AIR AND VAPOUR TIGHT MEMBRANE

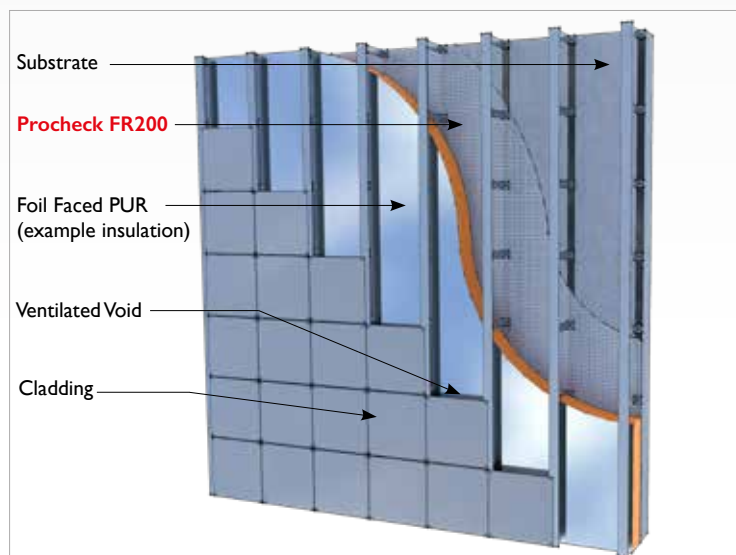
### PHYSICAL PROPERTIES

Procheck FR200 is used as a fire retardant vapour control layer in roof and wall structures in new build and renovation projects. Procheck FR200 has a Reaction to Fire classification of B-s1, d0 which provides assurance of fire performance for the structure. Procheck FR200 air and vapour tight membrane improves energy efficiency and reduces the condensation risk.

### KEY BENEFITS

- Independent assurance of fire performance (Class 0 to BS 476 parts 6 & 7 and EN 13501-1 Bs1,d0)
- Improved energy efficiency
- Reduced condensation risk
- Withstands tough site conditions

### EXAMPLE WALL DETAIL



### PHYSICAL PROPERTIES

Property	Test Method	Mean Results
Roll Sizes	n/a	1.6m x 50m
Thickness		0.15mm
Weight	EN 1849-2	93g/m <sup>2</sup>
Colour		Black / White
Water Vapour Resistance	EN 1931	44m Sd 220 MNs/g
Service Temperature		100°C
Temporary UV Exposure		9 months
Water resistance (after ageing)	EN 1928	W1
Reaction to fire	EN 13501-1 BS 476 Parts 6&7	B-s1, d0* Class 0**
Tensile strength MD	EN 12311-1	175 N/50mm
Tensile strength CD	EN 12311-1	165 N/50mm
Elongation MD	EN 12311-1	4%
Elongation CD	EN 12311-1	4%
Tear strength MD	EN 12310-1	110 N
Tear strength CD	EN 12310-1	95 N
Resistance against impact	EN 12691	250 mm
Durability against ageing: Water vapour resistance	EN 1296 / EN 1931	Passed
Durability against alkali:	EN 1847 / EN 12311-2	Passed

\*Tested on 12.5mm paper-faced gypsum plasterboard

\*\*Tested on nominally 12mm thick non-combustible backing board



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