

SOPRAROCK DD PLUS

Description :

SOPRAROCK DD PLUS is a mineral wool board insulation with a rigid upper layer for durability and enhanced strength. **SOPRAROCK DD PLUS** is impregnated with a bitumen layer which is compatible with **SOPREMA's** torch or mop applied membranes or adhered with **COLPLY ADHESIVE (BRUSH GRADE)**. **SOPRAROCK DD PLUS** must be mechanically fastened, adhered with hot bitumen, or adhered with **DUOTACK** adhesive only.

Advantages :

SOPRAROCK are mineral wool fiber insulations made from basalt rock and slag. This combination results in a non-combustible product with a melting point of approximately 1177 °C (2150 °F), which gives it excellent fire resistance properties. **SOPRAROCK** mineral wool is a water repellent yet vapour permeable material. **SOPRAROCK DD PLUS** offers excellent dimensional stability and excellent acoustic properties. Moreover, the R-value of **SOPRAROCK DD PLUS** is stable. **SOPRAROCK DD PLUS** is resistant to non-corrosive impact and it is made from natural and recycled products.

Properties :

Properties	Normes	SOPRAROCK DD PLUS
Thickness (in)	-	2-6 (by increment of ½ in)
Dimensions (m)	-	1.2 x 1.2 (4 x 4 ft)
Thermal Resistance (RSI Value - m ² K/W for 25.4 mm at 24 °C)	ASTM C 518 (C 177)	0.65 (R – 3.7 hr · ft ² · °F / BTU for 1in at 75 °F)
Compressive Strength <ul style="list-style-type: none"> - Top Layer at 10% (kPa) - Top Layer at 25% (kPa) - Entire Board (3 in Thickness) at 10% (kPa) - Entire Board (3 in Thickness) at 25% (kPa) 	ASTM C 165	139 (20.2 psi) 252 (37.0 psi) 71 (10.3 psi) 103.5 (15.0 psi)
Density (kg/m ³) <ul style="list-style-type: none"> - Top Layer - Bottom layer 	ASTM C 612-00	220 (13.75 lb/ft ³) 160 (10.0 lb/ft ³)
* Formed as a monolithic structure		
Dimensional Stability, Linear Shrinkage (% at 177 °C (350 °F))	ASTM C 356	0.01 %
Water Absorption (%)	ASTM C 209	< 1.0
Water Vapour Sorption (%)	ASTM C 1104	0.03

(All values are nominal)

Packaging :

The factory packaging is intended for the protection of the insulation boards during transit and is not intended for job site protection against the elements. When product is stored outdoors, the plastics shroud must be slit and the insulation protected by a waterproof, breathable covering such as a tarpaulin. Insulation must be stored minimum 102 mm (4 in) above ground and kept on a solid flat surface.

Precautions :

SOPRAROCK DD PLUS should not be exposed to inclement weather during shipment, storage or installation. At the completion of a day's work, all exposed edges should be sealed by lapping roof membrane over them.

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NOTE: SOPREMA INC. may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.