

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

SOPRAROCK DD (dual density) is a rigid mineral fiber insulation for use in approved multi-ply membrane and flashing assemblies. SOPRAROCK DD is composed of basalt rock and slag, that when combined, results in insulation with an extremely high melting point. SOPRAROCK DD is water repellent yet vapor permeable and has a higher density top surface.

STORAGE

Store panel flat and maintain in a horizontal position to prevent damage. Store panels in a clean dry location and cover as necessary to protect from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of SOPRAROCK DD.

APPLICATION

Prior to installation, ensure all SOPRAROCK DD panels have not been subject to moisture. Place SOPRAROCK DD in an offset or staggered pattern to ensure board joints are not overlapping in multilayer assemblies. Apply to approved substrate via mechanically fastening. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



APPLICATION



MECHANICALLY
FASTENED

QUICK FACTS

LENGTH (ft)	WIDTH (ft)	R VALUE (per 1 in)	THICKNESS (in)	WEIGHT (lb ²)
4 (1.2 m)	4 (1.2 m)	7.6-22.8	2 - 6 (50.8-152.4 mm)	178.3-490 (80.87-.222.26 kg)

TECHNICAL INFORMATION & TESTING

PHYSICAL PROPERTIES			
THICKNESS, in (mm)	WEIGHT PER SQUARE POUNDS (kg)	R VALUE	FLUTE SPANABILITY, in (mm)
2.0" (50.8)	178.3 (80.87)	7.6	2 3/4" (69.85)
2.5" (63.5)	216.7 (98.29)	9.5	2 3/4" (69.85)
3.0" (76.2)	255.0 (115.66)	11.4	2 3/4" (69.85)
3.5" (88.9)	294.6 (133.62)	13.3	2 3/4" (69.85)
4.0" (101.6)	336.7 (152.72)	15.2	2 3/4" (69.85)
4.5" (114.3)	375.0 (170.09)	17.1	2 3/4" (69.85)
5.0" (127.0)	412.5 (187.11)	19.0	3 1/2" (88.90)
5.5" (139.7)	453.8 (205.84)	20.9	3 1/2" (88.90)
6.0" (152.4)	490.0 (222.26)	22.8	3 1/2" (88.90)

TESTING & APPROVALS



FLORIDA BUILDING CODE