

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

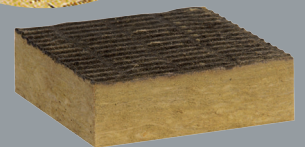
SOPRAROCK DD Plus (dual density) is a rigid mineral fiber insulation for use in approved multi-ply membrane and flashing assemblies. SOPRAROCK DD Plus is composed of basalt rock and slag, that when combined, results in insulation with an extremely high melting point. SOPRAROCK DD Plus is water repellent yet vapor permeable and has a higher density top surface. The topside and underside are coated with bitumen to allow for direct application of SBS-modified bitumen membranes.

### 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 Plus.

### APPLICATION

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



APPLICATION



MECHANICALLY  
FASTENED



HOT ASPHALT

QUICK FACTS

LENGTH (ft)	WIDTH (ft)	R VALUE (per 1 in)	THICKNESS (in)	WEIGHT (lb <sup>2</sup> )
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

