

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

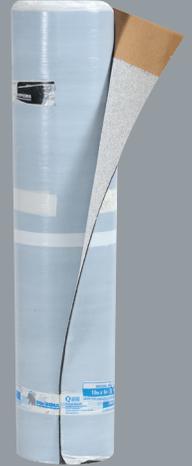
COLPHENE Stick GR (granules) is an SBS-modified bitumen cap ply for use in approved multi-ply membrane waterproofing and flashing assemblies. COLPHENE Stick GR is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with tough, high quality random glass fiber mat. The topside is surfaced with ceramic coated granules and underside is surfaced with protective polyolefin release film that is removed during application.

STORAGE & HANDLING

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of COLPHENE Stick GR.

APPLICATION

Prior to installation, unroll COLPHENE Stick GR onto the roof surface and allow to relax. Place COLPHENE Stick GR in desired position. Remove the protective release film from the underside of the sheet and roll COLPHENE Stick GR into place with a weighted roller. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



APPLICATION



SELF-ADHERED

QUICK FACTS

| ASTM STANDARD | LENGTH (ft) | WIDTH (in) | COVERAGE* (ft²) | THICKNESS (mils) | WEIGHT (lb) | ROLLS/PALLET (pallet weight) |
|--------------------------|------------------|-----------------|------------------|------------------|---------------|------------------------------|
| D6164 Type 1, Grade S | 32.8 (10.0 m) | 39.4 (1.0 m) | 97.9 (9.1 m²) | 134 (3.4 mm) | 93 (42 kg) | 25 (2375 lb/ 1077 kg) |

* Coverage rate as reported assumes installation using side and end lap recommendations.

TECHNICAL INFORMATION & TESTING

| SHEET PROPERTIES | |
|------------------------|---|
| Reinforcement | Glass fiber |
| Elastomeric bitumen | Proprietary blend of bitumen and SBS polymers |
| Top surfacing | Ceramic coated granules |
| Back surfacing | Self-adhesive with release film |
| Selvage surface | Self-adhesive with release film |
| Selvage width, in (mm) | 3 (76) |
| End lap, in (mm) | 6 (152) |

| PHYSICAL PROPERTIES | | | |
|--|---------------------------|-----------|----------------------|
| PROPERTY | MD | XMD | TEST METHOD |
| Peak load @ 0°F (-18°C), lbf/in (kN/m) | 110 (19.3) | 95 (16.6) | ASTM D5147 |
| Elongation at peak load @ 0°F (-18°C), % | 4 | 4 | ASTM D5147 |
| Peak load @ 73.4°F (23°C), lbf/in (kN/m) | 50 (8.8) | 40 (7.0) | ASTM D5147 |
| Elongation at peak load @ 73.4°F (23°C), % | 5 | 4 | ASTM D5147 |
| Ultimate elongation @ 73.4°F (23°C), % | 50 | 50 | ASTM D5147 |
| Tear strength @ 73.4°F (23°C), lbf (N) | 60 (267) | 60 (267) | ASTM D5147 |
| Low temperature flexibility, °F (°C) | -15 (-26) | -15 (-26) | ASTM D5147 |
| Dimensional stability, % | < 0.1 | < 0.1 | ASTM D5147 |
| Compound stability, °F (°C) | 250 (121) | 250 (121) | ASTM D5147 |
| Granule embedment, g | < 1.5 avg; 2.0 max for SG | | ASTM E154 |
| Puncture resistance, Lbf (N) | 50 (222) | | ASTM E154 |
| Hydrostatic head pressure | Pass | | ASTM D5385 |
| Water vapor permeance, perms (ng/Pa•s•m ²) | < 0.004 (0.23) | | ASTM E96 Procedure B |

* Data is represented by average values, unless noted otherwise.

TESTING & APPROVALS



FLORIDA BUILDING CODE

