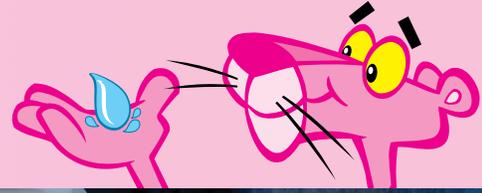




DeckSeal™

SA SBS CAP FR (Fire Resistant) FOR RESIDENTIAL LOW SLOPE



DeckSeal SA SBS Cap FR (Fire Resistant) membranes are premium, fire-resistance classified, self-adhering elastomeric roofing products, manufactured using Dual Compound Self-Adhesive technology. DeckSeal membranes are built with a high performance reinforced polyester mat for dimensional stability. The SBS polymer modified asphalt compound on the top layer is formulated for excellent granule adhesion. An aggressive self-adhesive compound is applied on the bottom layer for strong adhesion to the DeckSeal base and ply sheets. DeckSeal SA SBS FR membranes are finished with granules on the top surface and features granule free side laps and end laps for ease of application and excellent seam sealability.

Uses

DeckSeal SA SBS Cap FR is designed to be installed on roof slopes between 1/4:12 and 2:12 and is to be applied to exterior grade Plywood or OSB decking. Plywood must be minimum 15/32" and OSB must be minimum 7/16" (check local codes). DeckSeal SA SBS Cap FR is intended to be installed as part of a multi-ply DeckSeal System, applied directly to Owens Corning® DeckSeal MA NailBase or to Owens Corning® DeckSeal SA Base/Ply FR. Before installing, check local codes and refer to www.owenscorning.com/roofing for system details relevant to uplift or fire resistance requirements.

Features and Benefits

- Exceptional handling characteristics
- UV stabilized long lasting granule surfacing in a variety of attractive colors
- No need for kettles, spray rigs, adhesive machines or torches, resulting in a clean application that helps avoid fumes, odor and smoke complaints.
- Sealing at seams upon proper application
- Simple project staging and portability of roof components
- Ease of repair work
- System warranties available including limited warranty* against material defects for up to 15 years.

Product Data

| | |
|---------------------|-----------------------------|
| Roll size (Nominal) | 100 sq ft |
| Weight (Approx) | 89 lbs |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet | 20 |



Product is shipped in boxes, 1 roll per box.



Applicable Standards and Codes

UL Classified for use in class A, B or C roofs, as listed the UL "Roofing Materials and Systems Directory"

TDI Evaluation Pending

Product Warranty*

Owens Corning Roofing and Asphalt DeckSeal products have a manufacturer's limited warranty* on a maximum job size of 20 squares for up to 15 years when used as part of an approved, multi-ply roofing system.

Technical Description

| METHOD | PROPERTY | VALUE** |
|------------|---|-----------|
| ASTM D5147 | Thickness, typical, mils (mm) | 130 (3.3) |
| ASTM D5147 | Elongation @ 73.4+/-3.6°F (23+/-2°C), MD and XMD, min (%) | 35 |
| ASTM D5147 | Tear Strength @ 73.4+/-3.6°F (23+/-2°C), MD, min, N (lbf) | 55 (246) |
| ASTM D1970 | Adhesion to Plywood @ 40°F, min, lbf/ft width | 2.0 |
| ASTM D1970 | Adhesion to Plywood @ 75°F, min, lbf/ft width | 12.0 |

Application Instructions

This product is not to be used in a torch down application.

Owens Corning® DeckSeal Low Slope products should be installed by a professional roofing contractor.

Storage: Owens Corning® DeckSeal SA SBS Cap FR should be stored at room temperature whenever possible. Do not store out of the box for prolonged periods, or in temperatures above 90°F (32°C). Do not remove the roll from the box until it is to be installed.

Precautionary Notes: Owens Corning recommends adherence to OSHA safety regulations.

- Apply only when the weather is dry and the ambient temperature is 45°F (7°C) and rising. Do not install when water in any form (i.e. rain, dew, ice, frost, snow) exists.
- All roof deck application areas must have positive drainage, continuous support, be structurally sound to support the dead load requirements of the roofing system.
- Apply only over clean, dry, dust-free surfaces.
- Ensure installation of DeckSeal SA SBS Cap FR does not prevent or interfere with ventilation of the existing structure.

Failure to follow manufacturer's application instructions may void product warranty.

Application: Sweep the roof surface to remove any dust, dirt, or debris prior to starting installation.

- Cut the DeckSeal SA SBS CAP FR to manageable lengths. Allow the cut sheets to relax prior to installation. Failure to allow the sheets to relax may result in wrinkles in the finished surface.
- The DeckSeal SA SBS CAP FR has a release film covering the selvage edge. The cap sheet should be installed with the selvage edge away from the eaves edge.
- The DeckSeal SA SBS CAP FR starter course is always installed full width.
- Lay the material flat on the roof aligned with the eaves edge at the lowest point on the roof.
- One method to remove the release liner from sheet of DeckSeal SA SBS CAP FR is as follows:
 - Fold the aligned sheet back half way, exposing the split release liner.
 - Remove release liner at a 45° angle in a constant motion, while firmly holding the half of the sheet that is in contact with the roof in place as the liner is removed.
 - Remove the release liner and slowly roll the sheet back into place, pressing firmly as you go.
 - Then roll the opposite half of the sheet back and remove the release liner using the same method as above.
- If additional pieces are needed to complete the starter course, the end of the sheet to be overlapped must be cut at 45° angles on the top and bottom corners. The top corner on the piece that is overlapping the previous piece must also be cut on the top corner at a 45° angle.

- The overlap is to be 6 inches. Remove the release liner and adhere as with the previous sheet.
- Remove the side lap selvage edge release film on the area to be overlapped.
- Do not remove the remaining release film covering the side lap selvage edge at this time.
- The end of each roll of DeckSeal SA SBS Cap FR has a factory end lap selvage edge covered with a release film. Remove the end lap release film and press the overlapping sheet into place.
- If necessary, especially during cool weather, hot air weld or apply modified asphalt flashing cement at all end lap seams and T- joints.
- Where there is no factory salvage edge for end laps, the following methods can be used.

Hot Air Welding

- The area between the granular surface and self-adhesive backing can be heated with a hot air welding tool and rolled with a hand roller. This will ensure a water tight seal to the end laps.

Modified Roof Cement

- In lieu of hot air welding, the top layer can be set in a thin layer of modified asphalt flashing cement that is at least 6" wide and approximately 1/8 inch thick. Take care to prevent roof cement from oozing onto exposed area. If this should occur, sprinkle loose granules on the exposed asphalt immediately.
- End laps must be 6" minimum and fully adhered.
- Press each sheet into place with firm, even pressure.
- Roll edges and all lap seams firmly with a hand roller to ensure full adhesion. After each course is completed roll the course with an 80 pound roller. Start at the center and work outward to remove trapped air.
- For the succeeding course, position the next sheet by completely overlapping the selvage edge of the previous sheet.
- Be sure to offset end laps on each subsequent course minimum 36 inches.
- Only remove enough of the selvage edge release film on the preceding roll to complete each section of the install. Removing more film than is necessary may cause the exposed adhesive to stick to the release liner of subsequent sheets during alignment.
- Remove release liner on succeeding course as previously described.
- After adhering rolls it is required that uniform pressure be applied to the entire deck area using a 80 pound linoleum roller. Care must be taken to prevent injury when rolling especially on sloped surfaces.



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