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Base Flashing Treatment Guidelines for Ram ColdTar® Projects

A Ram ColdTar roof restoration project typically includes the treatment of existing base flashings. The first step is to accurately evaluate their current condition, placing them in one of three categories. The second step is to specify the correct restoration method to qualify for a warranty. The evaluation guidelines and restoration processes are as follows. If uncertain about which remedy to select, always move to the more stringent specification or contact a Barrett Technical representative for an evaluation and recommendation.

1. Heavy wear, characterized by loose plies, holes, poor attachment, disintegration or leakage.

Remedy: Lift or remove metal counterflashing. Remove all existing base flashing materials, starting at the base of the cant up to the highest termination point. Replace cant strip to match original. If aggregate is present on the primary roof, it is to be completely removed a minimum of 12 inches out from the base of the cant. When the old materials have been removed, sweep clean the area to receive the new flashing system and apply a light coat of Ram Primer and Surface Conditioner to the substrate. Do not prime the primary roof membrane if it's coal tar pitch. Install new base flashing in accordance with Barrett Flashing Specification 265P2-306. Reinstall or replace metal counterflashing.

2 Medium wear, characterized by a solid base, with all plies tightly adhered, but showing heavy cap ply wear, (e.g. loss of granules or coating, exposed reinforcement, etc.).

Remedy: Lift or remove metal counterflashing. Inspect flashing cap ply closely to determine if there are loose areas, dry laps or surface penetrations. If such conditions exist, remove all loose or disintegrated material and patch with Poly-Felt 265 set in Ram Mastic. Seal dry laps with Ram Mastic. If aggregate is present on the primary roof, it is to be completely removed 12 inches out from the base of the cant. Once the surface of the existing flashing system has been prepared, install 1 ply of Ram Modified Bitumen Membrane 306 set in Ram Mastic, extending from the highest termination point, down and out onto the primary roof at least 4 inches. For best results, coat both the substrate and the back of the flashing sheet with mastic and press tightly into place to achieve total adhesion to the existing assembly. Seal and strip all vertical laps and mechanically attach the top edge of the new cap sheet using a 1 inch termination bar fastened 8 inches on center. Seal top edge and coat termination bar with Ram Mastic. Install or replace metal counterflashing.

3. Light wear, characterized by a solid base, all plies adhered, firmly attached at the top and the cap ply and surfacing in good to excellent condition.

Remedy: Inspect flashing cap ply closely to determine if there are any loose areas, dry laps or surface penetrations. If such conditions exist, remove loose material and patch with Poly-Felt 265 set in Ram Mastic. Strip all side laps with Poly-Felt 265 set in Ram Mastic. Once surface has been prepared, top coat with Ram Ultra-Silver or Ultra-White coating per Barrett specifications.