

Henry[®] Pro-Grade[®] Roof Restoration Systems – FM Certified Assemblies

FM Approvals (Factory Mutual) provides third-party certification that Henry[®] roofing assemblies and roof restoration systems comply with project specification requirements for fire, wind uplift, water leakage, hail and foot traffic resistance.* The “FM APPROVED” mark identifies products that meet internationally recognized loss prevention product testing and certification standards. These approved products and systems are listed in the [FM RoofNav[®] Online Directory](#). FM Approvals certification is specified for all buildings insured by FM Global[®], and where the building owner desires a roofing assembly with verifiable, comprehensive performance and reliability.

Henry Pro-Grade[®] roof restoration systems meet FM Standard 4470 performance requirements for use in Class 1 and Noncombustible Roof Deck Construction. FM certification is specified by design professionals on many commercial and institutional buildings where a high level of loss protection is desired and is required for all buildings insured by FM Global[®].

Pro-Grade 988 roof restoration system assemblies** noted below are FM Certified for use in the following capacities and will meet the exterior fire rating of the existing, underlying roof system, up to the fire rating listed within the assemblies.

Assembly #1

Surfacing (Optional): #11 Granules at 40 lbs./sq.

Coating: Pro-Grade 988 Silicone White Roof Coating at maximum 2.5 gal./sq.

Primer (Optional): Pro-Grade 941 Primer at maximum 0.2 gal./sq.

Substrate: FM Approved EPDM, PVC, TPO or Hypalon[®]

E-108 Rating: Maximum Class A at 2 in. 12

Assembly #2

Surfacing (Optional): #11 Granules at 40 lbs./sq.

Coating: Pro-Grade 988 Silicone White Roof Coating at maximum 2.0 gal./sq.

Primer (Optional): Pro-Grade 941 Primer at maximum 0.2 gal./sq.

Substrate: FM Approved Insulated or Uninsulated Metal Panel

E-108 Rating: Maximum Class A at 5 in. 12

Assembly #3

Surfacing (Optional): #11 Granules at 40 lbs. /sq.

Coating: Pro-Grade 988 Silicone White Roof Coating at maximum 3.0 gal./sq.

Primer (Optional): Pro-Grade 294 Base Coat and Sealer at maximum 1.0 gal/sq.

Substrate Prep (Used with Reinforcement Layer): Henry 107 Asphalt Emulsion Sealer & Damp proofer or Pro-Grade 197 Asphalt Emulsion at maximum 4.0 gal/sq.

Reinforcement (Optional): Henry 195 Polyester or chopped fiberglass at 3.0 lbs. /sq.

Substrate Prep (Optional): Henry 107 Asphalt Emulsion Sealer & Damp proofer or Pro-Grade 197 Asphalt Emulsion at maximum 4.0 gal/sq.

Substrate: FM Approved Modified Bitumen E-108 Rating: Maximum Class A at 1 in. 12

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Assembly #4

Surfacing (Optional): #11 Granules at 40 lbs. /sq.

Top Coat: Pro-Grade 988 Silicone White Roof at maximum 1.5 gal/sq.

Reinforcement (Optional): Henry 195 Polyester Base Coat: Pro-Grade 988 Silicone White Roof, or Pro-Grade 988 Silicone Light Gray Roof Coating at maximum 1.5 gal/sq.

Primer (Optional): Pro-Grade 294 Base Coat and Sealer at maximum 1.0 gal/sq.

Substrate: FM Approved Modified Bitumen E-108

Rating: Maximum Class A at 1 in. 12 Application of coating will not increase the fire, wind, or hail resistance performance of the existing FM Approved roof

Pro-Grade 280 roof restoration system assemblies** noted below are FM Certified for use in the following capacities and will meet the exterior fire rating of the existing, underlying roof system, up to the fire rating listed within the assemblies.

Assembly #1

Surfacing (Optional): #11 Granules at 40 lbs./sq.

Top coat: Pro-Grade 280 Elastomeric White Roof Coating at maximum 1.5 gal./sq.

Base coat: Pro-Grade 280 Elastomeric White Roof Coating or Pro-Grade 294 Base Coat and Sealer at maximum 1.5 gal./sq.

Primer (Optional): Pro-Grade 941 Primer at maximum 0.2 gal./sq.

Substrate: FM Approved EPDM, PVC, TPO or Hypalon®

E-108 Rating: Maximum Class A at 2 in. 12

Assembly #2

Surfacing (Optional): #11 Granules at 40 lbs./sq.

Top coat: Pro-Grade 280 Elastomeric White Roof Coating at maximum 1.5 gal./sq.

Base coat: Pro-Grade 280 Elastomeric White Roof Coating or Pro-Grade 294 Base Coat and Sealer at maximum 1.5 gal./sq.

Substrate: FM Approved Insulated or Uninsulated Metal Panel

E-108 Rating: Maximum Class A at 3 in. 12

Assembly #3

Surfacing (Optional): #11 Granules at 40 lbs./sq.

Top coat: Pro-Grade 280 Elastomeric White Roof Coating at maximum 1.75 gal./sq.

Base coat: Pro-Grade 280 Elastomeric White Roof Coating or Pro-Grade 294 Base Coat and Sealer at maximum 1.75 gal./sq.

Substrate Prep (Used with Reinforcement Layer): Henry 107 Asphalt Emulsion Sealer & Dampproof or Henry Pro-Grade 197 Asphalt Emulsion at maximum 4.0 gal./sq.

Reinforcement (Optional): Henry 195 Polyester or chopped fiberglass at 3.0 lbs./sq.

Substrate Prep (Optional): Henry 107 Asphalt Emulsion Sealer & Dampproof or Pro-Grade 197 Asphalt Emulsion at maximum 4.0 gal./sq.

Substrate: FM Approved Modified Bitumen

E-108 Rating: Maximum Class A at 1 in. 12

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The approvals can be accessed in the FM Approval online RoofNav® database as follows:

1. Go to: <https://www.roofnav.com/Account/Login>
2. Set up an account, if needed
3. Select “Product Search”
4. In the Trade Name field, type “Pro-Grade 988” or “Pro-Grade 280”
5. For Category, select “Coating/Surfacing”
6. For Subcategory, select “Maintenance Coating”
7. Click the “Search Results” tab
8. Click on “Pro-Grade 988 Silicone System” or “Pro-Grade 280 Acrylic System” to see the approved uses

* Application of coating will not increase the fire, wind or hail resistance performance of the existing FM Approved roof

** Assembly information extracted from FM RoofNav® Online Directory

Henry®

Building Envelope Systems®
Roofing | Air Barrier | Waterproofing

Ask us today about other Henry® solutions that help manage the flow of water, air, vapor and energy.