



ROOFGUARD

CERAMIC #750

Technical Data

PRODUCT DESCRIPTION

ROOFGUARD CERAMIC #750 is a high quality, economical, elastomeric roof coating manufactured with insulating ceramic spheres that increase the insulating properties and durability of the coating. Production is rigidly controlled to assure uniformity of quality in every batch of materials. **ROOFGUARD CERAMIC #750** is a water-based, high solids elastomeric coating utilizing the latest advances in acrylic technology. Premium quality acrylic resins are combined with ceramic spheres, reinforcing laminar pigments, an effective biocide package and non-migrating fire retardants, resulting in superior durability, weatherproofing, ultraviolet resistance, algae/mildew and chemical resistance and fire retardancy. **ROOFGUARD CERAMIC #750 WHITE** is a highly reflective, permanently flexible “breathing” membrane, allowing moisture vapor from the substrate or building interior to escape while remaining impervious to mass water penetration from the exterior. **ROOFGUARD CERAMIC #750 GRAY BASE** is the same high quality formula as the white but in a gray contrasting color for ease of application and quicker dry time.

BASIC USES

ROOFGUARD CERAMIC #750 was especially developed for large jobs where quality and economy are equally important for extending the life of metal, built-up, modified bitumen, concrete, single-ply, spf, or composite shingle roofs. **ROOFGUARD CERAMIC #750** forms a waterproof elastomeric seal, uniformly covering the textured profile of various substrates to form a monolithic membrane, providing protection from normal weathering, aging and ultraviolet exposure.

COLORS

ROOFGUARD CERAMIC is available in standard White which is certified to meet ENERGY STAR®, Cool Roof Rating Council (CRR) and LEED reflectance and emissivity criteria. All other colors are custom matched by TRESKO for the specific application. Color chips or samples must be furnished to TRESKO for all custom colors. It is recommended that dark colors be tinted in **INFRASHIELD** topcoat only.

TYPICAL PROPERTIES

- Solids by Weight: 69% (±2) [ASTM D1644]
- Solids by Volume: 55% (±2) [ASTM D2697]
- Weight per Gallon: 12.1 lbs. [ASTM D1475]
- Solar Reflectance: 84% [ASTM E-903]
- Thermal Emittance: 90 [ASTM C1371]
- Tensile Strength: 405 psi [ASTM D2370]
- Initial Elongation: 550% [ASTM D2370]
- Permeance: 27 perms [ASTM D1653]
- Weather Resistance: No cracking or checking [ASTM D4798]
- Adhesion: 9.6 pli-wet* [ASTMD-903]
- Tear resistance: 73 lbf/in [ASTM D624]
- Fungi resistance: ZERO RATING [ASTM G21]
- Low Temperature Flexibility: Pass [ASTM 522]
- Code Approvals: ASTM D6083-97a also meets: UL 790, ASTM E108, NFPA 256

WARRANTY

ROOFGUARD CERAMIC #750 warranties are available for five (5), ten (10), fifteen (15) and twenty (20) year periods and are renewable for the life of the building. Refer to individual warranty documents for additional information.

LIMITATIONS

Do not proceed with application of coating materials when surface temperature is less than 50°F. No coating shall be applied if weather will not permit it to dry prior to exposure to precipitation or freezing. Dry time should be 24 to 48 hours when coating is applied in the morning and the temperature is 60 degrees and rising. Dry time could be longer depending on temperature and humidity.



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