



Decorative & Architectural

Technical Data Sheet

D209-STD (Rev 1/2021)

PRODUCT NAME: ROOFING COMPOUND

Generic Type: Acrylic/Styrene Co-polymer Emulsion.

General Description:

A seamless flexible coating having very low water absorption and very good long lasting flexibility with excellent alkali resistance and excellent outdoor durability.

Recommended Uses:

Kaleidoscope Roofing Compound has a flexible water-proof coating for concrete, asbestos cement, shingle and all metal roofs.

Features/Benefits:

- Water Resistant
- Flexible, elastomeric
- Long Life, durable
- Solar Reflective
- Easy to apply
- Dries in 30 mins
- Low odour

Limitations of Use:

Should not be applied late in the afternoon neither rainy weather, since this material is soft and is sensitive to moisture.

Product Data:

No. of Coats: 3

Spreading Rate:

7.5 - 8.5 m² 0.95 litre at 4 - 5 mills per coat.

It is suggested that for 2nd and 3rd coats, the entire contents of each 4 litre or 20 litre container be applied to areas measuring 10sq.m (100sq.ft) or 50sqm respectively.

Drying Time:

Touch Dry: 30mins

Re-Coat: 2 hrs, but not more than 48 hrs.

Gloss: Matt

Colour: Green, Red, Grey and White

Thinner/Cleaner:

Water

Flash Point:

39°C (102°F)



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General Surface Preparation

NEW GALVANIZE - Clean to hand tool finish SSPC-SP-2 or Power Tool finish SSPC-SP-3. Remove any grease, wax and polish. Surface should be etched with one coat Kaleidoscope Etching Primer, followed by one coat of Kaleidoscope Zinc Chromate Primer and allow to dry over night. Then apply 3 coats Kaleidoscope Roofing Compound.

NEW ALUMINIUM - Clean to hand tool finish SSPC-SP-2 or Power Tool finish SSPC-SP-3. Remove any grease, wax and polish. Surface should be etched with one coat Kaleidoscope Etching Primer, followed by one coat of Kaleidoscope Zinc Chromate Primer and allow to dry over night. As primer coat, add 25% (950 ml) water per 3.8 litres of Roofing Compound and apply directly to the surface.

WOOD, CONCRETE, SLATE, ASBESTOS - static cracks and holes should be filled with a mixture of one part Roofing Compound and three parts sand.

Apply by means of long bristle paint brush, roller or spray.

In all cases the first coat should be diluted with 25% (950 ml) water. The second and third coats should be undiluted and applied within 48 hours of the previous coat at right angle for optimum film formation.

Always stir thoroughly before and occasionally during use allowing 2 hours drying between coats.

Ensure rain is not imminent for 3 hrs.

CAUTION: Use only with adequate ventilation. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an approved particulate respirator (Follow respirator manufacturer's direction for respirator use) or leave the area. **Avoid contact with eyes.** Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. **If swallowed, get medical attention immediately.**



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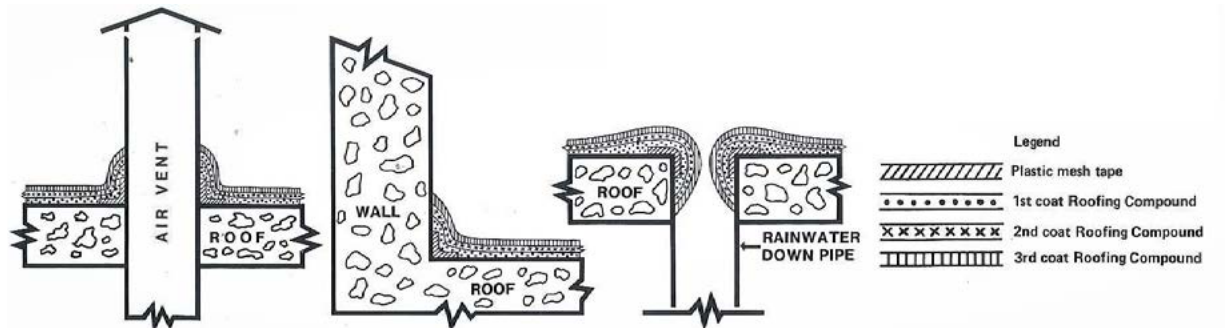
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On flat roofs, the junction of vertical and horizontal surfaces (e.g. parapets, etc.), rainwater outlets, protruding air vents etc. should be taped as illustrated in diagrams.

Then, over entire roof, apply 2nd coat Kaleidoscope Roofing Compound, **unthinned**, within 48 hours after drying of the 1st coat.

Concrete: Apply 1st coat Kaleidoscope Roofing Compound thinned 25% with water. Then 2nd and 3rd coats, **unthinned**, to be applied crosswise within 48 hours after drying of the previous coat for optimum film formation.

N.B. Immediately after use, clean all equipment with water.



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