

Chevaline Renew

Purpose & Areas of Use:

A waterbased, high build coating designed specifically for application to asphaltic roofing substrates. It has excellent adhesion to aged and new asphaltic and modified bitumen surfaces as well as excellent bleeding resistance under extended ponding water conditions.

As well as a topcoat in its own right, **Renew** may also be used as an adhesion promoting sealer for the application of other coatings to asphaltic surfaces.

Product:

A pigmented, tough and flexible coating based on a new generation, modified acrylic polymer.

Process Compatibility:

Excellent adhesion to new and aged asphalt surfaces, and to new and aged modified bitumen roofing membranes.

Colour:

A limited range of colours available. Special colours can be supplied but will need to be factory tinted and may be subject to price premiums and minimum order quantities.

Standard Packs:

4 litre and 15 litre plastic containers

Physical Properties:

Liquid Material

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| Solids (Volume): | 50% |
| Specific Gravity: | 1.375 |
| Flash Point: | N/A |
| Shelf Life: | 2 years |
| Appearance: | Heavy bodied pigmented liquid |

Applied Coating

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| Flexibility: | Passes 3mm mandrel |
| Durability: | Excellent long term service can be expected. Formulated for maximum UV resistance and weatherability. |

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| Chemical Resistance: | Resistant to atmospheric pollutants encountered by urban, commercial, and light industrial areas. |
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| Adhesion to Bitumen: (APP, APAO, SBS modified) | New - excellent Aged - excellent |
| Normal Filter Thickness: | 125 microns per coat (DFT) |
| Fungal/Mould Resistance: | Chevaline Renew contains a highly effective fungal/mould resistance additive, which is free from toxic metals and phenol. |

Application Method:

Roller or airless spray are the recommended application methods. The material is thixotropic and is not suitable for large scale brush application. In all cases, apply straight from the container.

Application Properties:

Spreading rate: 4-5m²/litre/coat

Note: A full, protective or rejuvenating **Chevaline Renew** system consists of a minimum of two (2) coats applied at the above spreading rate. More coats may be required depending on substrate condition.

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| Dry time: | Touch dry | 1-2 hours |
| | Through dry | 12-24 hours |
| | Full dry | 7-10 days |

at normal conditions.

Note: Normal conditions are 18-23°C and 60-70% relative humidity. Cooler or more humid conditions will prolong the dry times.

Application Limitation:

Do not apply **Renew** at temperatures below 5°C or when temperatures are expected to fall below the dew point within 6 hours of application or if relative humidity is greater than 90% or rain is expected.

Thinning/Clean Up:

Use clean water for both. Clean equipment immediately after use.

Maintenance:

Chevaline Renew membrane should be checked for damage annually and for recoating after 5 years. Clean when required using low pressure water spray and a dilute neutral detergent solution (cold or warm, **not** hot)

Storage:

Chevaline Renew requires no special storage conditions other than protection from temperatures greater than 40°C and protection from frost.

Health & Safety:

Chevaline Renew is a water-borne product and is non-flammable. Apply barrier cream to hands and wear eye protection when applying/handling this material. Wear a particulate mask when spraying and a cartridge mask when applying in confined spaces with poor ventilation.

Transport classification: No restriction

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