



CL – BITUMEN COMPOUND 115/15

BLOWN BITUMEN

DESCRIPTION

CL-BITUMEN COMPOUND 115/15 is a blown grade bitumen for use in waterproofing installation works.

FEATURES

- Flexible
- Water resistance
- Durable
- Chemical stability

TECHNICAL INFORMATION

Appearance	: Black solid
Softening Point (R&B), (ASTM D36)	: 110 – 120°C
Penetration @ 25°C, 0.1mm (ASTM D5)	: 10 – 20
Relative Density @ 25°C (ASTM D71)	: 1.01 – 1.06 g/cm ³
Ductility @ 25°C (ASTM D113)	: > 2cm
Loss on heating (ASTM D6)	: < 0.2 % (wt)
Solubility in TCE (ASTM D2042)	: > 99 % (wt)
Pouring Temperature	: 205 - 215°C
Flash point	: > 250°C

HANDLING AND HEATING PROCESS

Maximum safe handling temperature is 230°C and this should not be abused. Control at the heating phase is very important in terms of health and safety as well as in maintaining the quality of the product.

CL-Bitumen Compound 115/15 should be broken up prior to placement in the kettle. This exposes a larger surface area to the heat and encourages a more even eating regime. Without the larger exposed surface area, aggressive heating at the base and sides of the kettle may well result in localized overheating, altering the characteristics of the product and potentially causing thermal cracking of the bitumen, creating the release of low flash vapour. The flash point of the product then becomes irrelevant; as these low flash vapour determine the fire risk.

Melted bitumen should not be left in the boiler and reheated from cold, as there is then a high potential for localized overheating around the heating area (lack of convection means poor heat transfer) and potential development of a pressurized pocket of low flash vapour.

APPLICATION

As soon as CL-Bitumen Compound 115/15 has been melted, it can be pour on the surface directly. The naturally cold down process from ambient will solidify it and set.

COVERAGE

Approximately 1kg per m² @ 1mm thickness

SAFETY HANDLING PRECAUTIONS

- Wear suitable protective clothing such as gloves, boots and overalls.
- Avoid contact with skin.
- Keep working areas well ventilated.
- Avoid any contact between hot bitumen and water because this will create a violent reaction.
- Suitable fire extinguisher like foam or dry powder and sand should always be kept at a convenient position near the kettle.
- Water must not be used to extinguish a bitumen fire.

PACKING

Available in 20 kg carton box.

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Disclaimer: Specification are subject to change without notification.



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