

PRODUCT DATA

PRODUCT NAME: AK 318

PRODUCT DESCRIPTION: Cement based fire sealing compound for use to seal wall openings, floor openings and openings under control panel.

PHYSICAL DATA

Color: Off white / Grey

Bulk Density : 2.1

Ph Value: 7.6

Odor: Odor less

Limiting Oxygen Index: Over 70

Coverage : 140-150 Kg / Sq Mtr

Storage Temperature: Store in shade (5-30 Degree C)

Shelf Life: One year at room temperature

Minimum Packing: 50kg

Cleaning of Surface & Thinner: Water

Drying Time:

Touch Dry: 2 hours

Hard Dry : 24 hours

Complete Curing: 7 days(at 25 degree C, 65% RH)

RESISTANCE GUIDE

Fire Resistance : 4 hours fire rating when tested as part of Cable fire barrier as per BS-476 part 8.

Acid : No effect (5 % HCl)

Alkali : No effect (5 % NaOH)

Water : No effect (40 degree C 7 days)

SURFACE PREPARATION

Remove grease, oil, coal dust and other contaminants from the opening area before sealing the cavity with AK-318.

HEALTH & SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant National Health, Safety & Environmental standards and regulations.. Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment.

APPLICATION METHOD

AK – 318 is available in castable powder form. It shall be converted into putty/ trowel form at site by adding adequate quantity of water and can directly be fills in cavity/ gaps by using solid wooden board which shall be removed after AK-318 gets touch dried from where fire/ smoke can escape during fire. Ensure that no gap or cavity remains during the application.

ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet contact us.

NOTES

Do not apply AK-318 when temperature falls below 10°C or rises above 50°C and when Relative Humidity is above 85%, Do not apply during rain, fog or mist.

DISCLAIMER

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