

INSULCOAT 180 AND 150 COATING CEMENT

Insulcoat 180 and 150 Coating Cements contain milled ceramic fibres blended with inorganic additives to provide air setting refractory coatings or bonding agents. When dried, **Insulcoat 180 and 150 Coating Cements** present a hard surface which is highly resistant to erosion and flame abrasion.

Their insulating efficiency and inherent resistance to thermal shock helps prevent substrate materials from spalling. Its resistance to sticking by many non-ferrous molten metals enables the cement to be used as a protective coating for a wide range of porous and non-porous materials.

Insulcoat 180 and 150 Coating Cements have outstanding thermal reflectance properties which further increase the uses for these unique cements. When exposed to temperatures above 870°C, Insulcoat Coating Cements actually undergo an increase in strength due to the formation of a ceramic bond.

General characteristics

Insulcoat 180 and 150 Coating Cements are mildly alkaline as supplied and are not soluble in water. They exhibit excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric and phosphoric acids and concentrated alkali's.

Insulcoat 180 and 150 Coating Cements contain a small amount of anti-freeze to permit shipment during winter months.

Insulcoat 180 and 150 Coating Cements is an all-purpose cement which resembles an off-white paint and is particularly suited to application by brush or roller.

Typical physical properties

Colour	:	Off white
Form	:	Paint
Wet density	:	1.72 g/cm ³
Solids content	:	70 %
Normal layer thickness	:	0.25-0.5 mm
Typical yield per 5 litres (1 layer)	:	14 m ² -7 m ²
Application method	:	Brush, roller
Recommended temperature limit	:	1250°C