



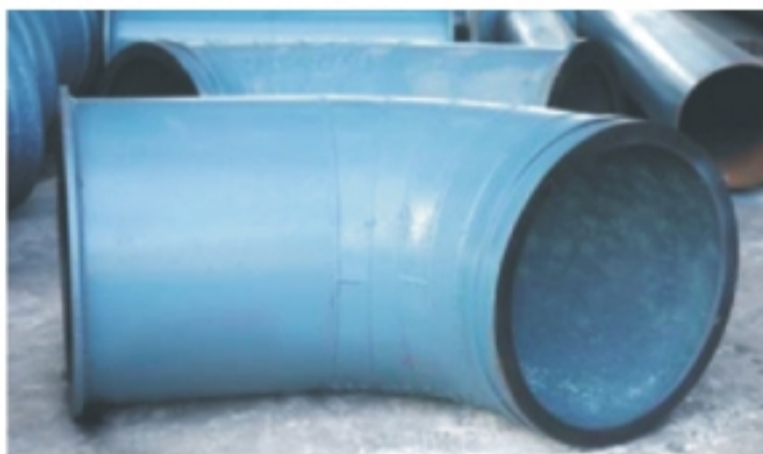
4 Decades of Trust & Reliability



Ceracoat & Derincoat

Protective Liners Against Severe Wear & Abrasion

Ceracoat / Derincoat is a composite product combined of extremely high strength wear resistant densely embedded grains providing superior protection against moderate to severe wear. Extensively used in Cement, Steel & Power plants.



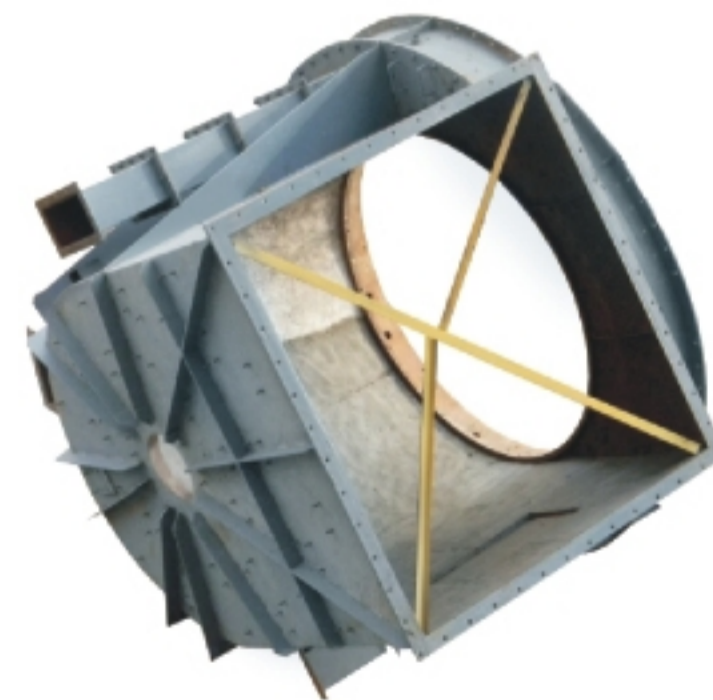
Ash Pipes For Thermal Power Plant



Cooler Duct For Cement Plant



SGP Ducts for steel plants



SKS Outlet Head & Coarse Outlet - Cement Plant



Ceracoat can perform its best as a wear resistant lining against severe abrasion upto 400 deg. cel temp.

Derincoat can be well applied for high temperature applications upto 1200 deg. cel to combat most severe abrasion conditions.

These products are trowelled onto an anchoring mesh in the form of monolithic layers. These products also can be supplied in the form of pre-cast slabs for easy installation at site.

Technical Specifications

	Physical Properties	Ceracoat	Derincoat
1	Service Temperature	400°C	1200°C
2	Density	2.6 to 2.8 gm/cc	2.8 to 3.1 gm/cc
3	Compressive Strength	min 1200 Kg/cm ²	min 1300 Kg/cm ²
4	Abrasion resistance	0.5-1.0 cm ³ /50 ²	0.5-1.0 cm ³ /50 ²
5	Hardness	7 - 8 Moh's Scale	8 Moh's Scale

Applications

Cement	Power
<ul style="list-style-type: none"> Raw Mill & Clinker mill body VRM outlet duct Static and dynamic separators V-separator, SKS separators VSK – Classifier ducts, Dedusting Cyclones Clinker Cooler Duct 	<ul style="list-style-type: none"> Pipes and bends for Pneumatic conveying of fly ash. Dust extraction equipment PF Mill Classifier PF Cyclones & Ash Cyclones Separator for coal dust Bottom Ash Hopper

Unique Properties of Ceracoat / Derincoat

- Highly resistant to erosive and abrasive wear.
- Medium & high Temperature Resistant Castables
- Ability to apply in-situ
- Ability to apply and form to any shape.
- Monolithic and highly compact structure.
- Fast and easy installation including overhead applications.
- Variable thickness from 16 mm to 100 mm.
- Linings can be put into use after 2-3 days.



VRM Transition piece & Outlet Duct (Loesche Mill)

Application Procedure :

Ceracoat / Derincoat can be trowelled directly on to an anchoring mesh typically in thickness of 16 to 100mm.

- Clean the steel / RCC surface for dirt, grease, oil and foreign material by wire brush.
- Retainers should be provided at an interval of 1000 mm on vertical and inclined surface
- Weld anchors or bars equi-spaced in the area to be lined.
- Weld the wire mesh on these anchors or bars.
- Mix dry compound with steel fibres. Add recommended quantity of water and binder. Mix it in VAM mixer to form a dough.
- Trowel the mixture on the wire mesh.
- Monolithic layer of ceracoat can be applied inside the pipes by spinning process.

Installation of Wiremesh



Ceracoat material require the installation of a suitable reinforcement system. The standard system is using an anchor / bar and wire mesh.

Preparation & Application of Ceracoat / Derincoat



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