



SUPERESIST

High-tech Wear Resistant Lining Compound

DEMECH, pioneers in the field of Wear Technology and manufacturers of High Tech Wear Resistant Lining Materials viz. Cast basalt, High Alumina Ceramics, Wear Resist Plate, offers yet another wear resist liner in the form of "The component trowel able quick set compound" called **SUPERESIST**.

SUPERESIST is manufactured by us. It is a specialty formulated non sag 2 part ready-to-mix compound ideally suited for lining of bends, elbows, tees, reducers, laterals, cyclones and is being used with complete success in the Mining Industry, Coal Washeries, Coal Preparation plants in Australia and Overseas.

SUPERESIST being a trowelable compound can be used with ease to line complex and intricate shaped equipment either at ground level or insitu. This is a distinct advantage over other liners.

SUPERESIST is a wonder material and an answer to the industry's long standing need for a material to repair and refurbish partially worn-out ceramic and basalt lined bends which were reaching the scrap yard so far. Now the trowelable compound can be easily applied to patch up the worn out areas and a smooth contour is obtained which makes the bend as good as new.

ADVANTAGES OF USING SUPERESIST

- Easy to mix and apply
- Good adhesion to steel, concrete, Cast iron, rubber, polyurethane
- Need no glazing
- Can be applied to complex and Intricate shapes
- Can be applied by hand using semi-Skilled labor which makes it cost Effective
- Low specific gravity hence minimum weight construction
- Convenient REPAIR KIT available for Onsite repairs
- No wire mesh, reinforcement required

AREAS OF APPLICATIONS OF SUPERESIST

- Mining Industry
- Coal Preparation plants
- Coal Washeries
- Power Generation
- Process Industry

COMPONENTS THAT CAN BE LINED WITH SUPERESIST

- Tees, laterals, reducers, MPO, MDV
- Special and intricate shaped Equipments.
- Thickening and classifying cones
- Worn-out cast basalt / ceramic lined Bends in P.F. & slurry lines & Equipment
- Insitu lining of most wear prone equipment.

As our esteemed customer you may combine use of cast basalt, high Alumina ceramics, wear plate and **SUPERESIST** to solve all your wear problems.

Order your **SUPERESIST** Ready-to-Mix 7 & 15.Kgs kit now !

For more details contact:

DECCAN MECHANICAL & CHEMICAL INDUSTRIES LIMITED

78, Bhosari Industrial Estate, Bhosari, Pune-411 026 INDIA

Phone: 27120 994, 2712 0020, 2712 2696 Fax: 020-2712 0774, 2712 0485

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PROPERTIES OF SUPERESIST

Specific Gravity	2.4 to 2.7 gm/cc
Hardness	7 to 8 MOH's Scale
Compressive Strength	1250 Kg /Cm ²
Water Absorption	Nil
Max Temperature	80 °C
Setting Time	1 Hrs.
Curing Time	24 Hrs.
Pot Life	½ Hour
Shelf Life	8 Months
Mixing Time	15 Minutes
Thickness Of Lining	Up to 15 mm (Without Reinforcement) Above 15 mm (With Reinforcement)

Superesist is unaffected by 35% diluted Sulphuric Acid or Boiling Hot Water.

For A Slab of 1000 mm x 1000 mm x 20 mm Thk Superesist Material required is 50 Kgs.

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SUPERESIST APPLICATION

INSTRUCTION FOR MIXING

The material in the conical is the Resin Part and is in Semi Solid State. The liquid provided in the HDPE Bottle is the Hardner. Thoroughly mix the two parts and apply as instructed. It is advisable to mix the material in small part quantities of maximum up to 1 or 2 Kgs. Always mix the material on a clean plastic sheet.

MIXING RATIOS

Part A In Gms	100	200	300	400	500	600	700	800	900	1000
Part B In Gms	4	7	11	15	19	23	27	31	35	39

INSTRUCTIONS FOR APPLICATION

1. Clean the Surface and Dry it.
2. Wire Brushing will give better results.
3. Apply mixed aggregate to the Surface
4. Apply within 45 minutes of Mixing.
5. For Best Results, use within one year from the date of manufacturing.
6. Setting Time: Within 1 Hour.

CAUTION

1. Harmful liquid and vapour. Avoid contact with eyes, skin or clothings.
2. Clean Tools and Areas where coating has been inadvertently applied, while still wet, using xylene.

For Further Details Please Contact :

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