



CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE

Silicate Based Waterproofing Formulation

(For use on cement plaster and concrete surfaces.)



Application/Uses	: Building industry
Salient Technical Features	: Does not interfere with colour of the surface, long shelf life if kept sealed, dilutable with potable water, can be applied by semi-skilled labour, life of treatment is about 5 years
Environmental Aspects	: No special measures are required
Level/Scale of Development	: Commercial scale
Status of Commercialisation	: 18 licences; Technology in production
Major Components/ Raw Materials	: Commercial variety of sodium silicate, distilled water and other chemicals
Major Plant Equipment and Machinery	: Mixer with impeller, distillation plant, air-tight drums and laboratory equipment
Techno-Economics	: Investment of Rs. 7 lakh for a plant of capacity 400 litres per day
Technology Package	: Process know-how containing method of preparation, plant and equipment, raw materials required

For further details please contact :

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