



PRODUCT DETAILS

ENBUILD 503 is an aqueous styrene-butadiene copolymer dispersion for the modification of hydraulic binders. The dispersion is free from plasticizers and film forming aids.

APPLICATIONS/ADVANTAGES

- Hydraulic cement admixture, flexible cementitious waterproofing coatings, oil well cementing
- Meets high standards of mechanical properties like flexible waterproofing membrane and rigid WP mortar etc.
- Provides excellent water impermeability and chemical resistance
- Offers good workability at reduced water: cement ratio
- Improved bonding and adhesion to substrates
- High resistance to alkaline hydrolysis
- Provides freeze/thaw resistance

SAFETY AND HANDLING

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles, gloves and face shield while handling the product
(For any detail information please refer MSDS)

PRODUCT SPECIFICATIONS

Appearance	Milky white pourable liquid
Emulsifying System	Synthetic anionic and nonionic
Total Solids (%)	48.5 ± 1.5
pH at 25°C	8.0 ± 1.0
Brookfield Viscosity LVF (CPS) SP.1, 12 RPM at 25°C	20 – 100
Surface Tension (Dynes/cm) at 25°C	35 ± 5.0
Specific Gravity	1.020 ± 0.005
Glass Transition Temperature (°C.)	-5
Dilution with water	Dilutable in any proportion
Compatibility	Compatible with Cement and Concrete mixture

STORAGE RECOMMENDATIONS

- Store between temperature 5°C - 40°C
- Keep containers closed when not in use
- Shelf life: Six months from the date of manufacturing provided stored under shade away from sunlight and direct heat, well protected from freezing.
- Packing: 220/50 kg – Drums / 1000kg – IBC / Bulk Packing