



Technical Data Sheet

Apcotex[®] TSN100

CHEMICAL DESCRIPTION

Apcotex TSN100 is a specialty Styrene Butadiene Latex used as an admixture in cement mortar and concrete.

It is manufactured by employing state-of-the-art emulsion polymerization technology ensuring product consistency

APPLICATIONS/ADVANTAGES

- Bonding agent, cementitious waterproofing, repair mortar
- Provides excellent water impermeability
- Offers good workability at reduced water/ cement ratio
- Improved bonding and adhesion to substrates
- Improved toughness and flexibility
- Mixes can be applied in thinner sections
- Improved abrasion resistant flooring

SAFETY AND HANDLING

- General safety precautions such as goggles, gloves and face shields should be used while handling. (Refer MSDS for detail information).

PRODUCT SPECIFICATIONS

Appearance	Milky white pourable liquid
Emulsifying System	Synthetic anionic and nonionic
Total Solids (%)	45.0 ± 1.0
pH at 25°C	9.5 ± 0.5
Brookfield Viscosity LVF (CPS) SP.1, 12 RPM at 25°C	30 Max
Surface Tension (Dynes/cm) at 25°C	40 ± 5.0
Specific Gravity	1.030 ± 0.010
Dilutability with water	Dilutable in any proportion
Compatibility	Compatible with Cement and Concrete mixture

STORAGE RECOMMENDATIONS

- Store between temperatures of + 5°C and 40°C. Keep containers closed when not in use.
- Self-life: Six month from date of manufacturing provided stored under shade, away from direct heat and sunlight and well protected from freezing.
- Packing: 200 Kg HDPE Drums

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