



Technical Data Sheet

Apcotex[®] PC400

CHEMICAL DESCRIPTION

Apcotex PC400 is a speciality Styrene-Butadiene Latex with improved flexibility and 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, flexible cementitious & non cementitious waterproofing coatings
- High resistance to water penetration
- Imparts excellent flexibility
- Enhances bonding between old and new concrete
- Offers good workability at reduced water/ cement ratio
- Mixes can be applied in thinner sections
- Improves abrasion resistance

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 (%)	47.0 ± 0.5
pH at 25°C	9.5 ± 0.5
Brookfield Viscosity LVF (CPS) SP.1, 12 RPM at 25°C	20 - 100
Surface Tension (Dynes/cm) at 25°C	40 ± 5.0
Specific Gravity	1.015 ± 0.005
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 data of manufacturing provided stored under shade, away from direct heat and sunlight and well protected from freezing.
- Packing: 220 /200 Kg HDPE drums.

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