

TECHNICAL DATA SHEET

ADDAGE SHRINKAGE REDUCING AGENT

PRODUCT DESCRIPTION:

Shrinkage Reducing Agent (SRA) is a specialty admixture designed to minimize drying shrinkage and reduce the risk of cracking in cementitious systems. It works by lowering the surface tension of pore water within the cement matrix, thereby reducing capillary stresses that typically cause shrinkage. SRA is widely used in concrete, mortars, grouts, self-leveling compounds, and dry-mix formulations where dimensional stability and crack resistance are critical.

PROPERTIES

Significantly reduces drying shrinkage and cracking.
Enhances long-term durability of concrete and mortars.
Improves aesthetics by minimizing surface cracks.
Increase service life of structures exposed to restrained shrinkage.
Compatible with various cement types and supplementary cementitious materials.
It can be used in combination with superplasticizers, retarders, and air entrainers.

APPLICATION

High-performance concrete (HPC).
Self-leveling flooring compounds.
Tile adhesives and repair mortars.
Precast concrete elements.
Grouts and screeds require dimensional stability.

TECHNICAL SPECIFICATION

TEST	RESULT
Appearance	white to Slightly colored Powder
Solubility	Soluble in water
Bulk density	400 kg/m ³
PH	7-8

ADVANTAGES

Reduces drying shrinkage
Compatibility with Other Admixtures:
Reduces curling, thereby compliance with joint spacing
Saves time and costly repairs
Enhanced durability with longer lifecycle

DOSAGE

Recommended dosage of **ADDAGE SHRINKAGE REDUCING AGENT** is 0.1- 3.0 % by the weight of total mix.

STORAGE

Store material in normal room temperature, keep away from direct exposure from sunlight and humidity. Seal tight the container if not in use.

SHELF LIFE

Storage time should not exceed 12 months from receipt of delivery.

PACKING

ADDAGE SHRINKAGE REDUCING AGENT is available in 25 kg bag.

