



Product Description

BCI-NSA is an organic surfactant based liquid shrinkage reducing agent which can be used for the purpose of reducing shrinkage of dried cement mortar and concrete, and is a special admixture showing significant reduction of shrinkage cracks as well

Advantages

- High performance for reducing drying shrinkage of cement mortar and Concrete by advanced surfactant effect
- Increasing effect for reducing drying shrinkage with increasing dosage.
- Unchangeable shrinkage reducing effect mixing with general admixture for ready-mixed concrete.
- Liquid condition gives you easy and convenient use for mortar or concrete mixture as a part of unit amount, and makes it possible to control uniform qualities

Application Instructions

The advanced effect of reducing drying shrinkage makes it possible to lower shrinkage cracks. Using BCI-NSA is the best choice for high quality for cement mortar and concrete.

- Wall and Slab concrete
- Underground structure concrete
- Repairing structure
- Secondary Tunnel Lining
- Paving concrete and Pre-cast Items

Typical Dosage

The recommended dosage range of BCI-NSA is 0.5~6.0% by weight of cement. According to the required shrinkage reducing rates, it is advised to arrive at the standard dosage, and use it as part of water unit by measuring weight.

Technical Properties

Physical Properties

Appearance	A clear colourless liquid
Specific gravity @ 28°C (FITM No:01)	0.936 - 0.956
Viscosity, Brookfield @ 28°C (FITM.NO.3B)	Max 35 cps

Mixture Proportion:

Max.agg. (mm)	Proposed Slump	Proposed Air Amount (%)	W/C (%)	S/A (%)
25	180	4.5	48.5	48.0

Unit amount Kg/mm ²				Admixture (%) **	
Water	Cement	F.A	C.A	Water reducing agent	BCI-NSA
165	340	867	947	0.8	0~6

Packaging

BCI-NSA is available for packing in bulk supply of 200 and 250 kg drums.

Shelf Life

BCI-NSA should be stored at normal temperature. If BCI-NSA becomes frozen, the properties of BCI-NSA it can be homogenized by thorough agitation of the completely thawed product. Storage-period is 12 months with the sealed drum

Health & Safety

BCI-NSA is of low hazard.

Contact with the skin and eyes, or inhalation of dust should be avoided. Wear suitable protective clothing, gloves, eye/ face protection and dust mask. After contact with skin, wash off with clean water. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

Manufacturing Unit :

- Ⓐ Plot No.636, KIABD 2nd Phase, KIABD Industrial Area, Vasanthnarsapura,Tumkur-572128. Karnataka
- Ⓑ Goligram, Guskara Road, Near R.S. Rice Mill, Burdwan - 713 126. West Bengal.