

1. Non Structural Cracks in concrete



Description:

Non structural cracks are cracks which do not hamper the structural integrity of the structure but affects the aesthetics of structure. For example, shrinkage cracks in concrete occur due to change in moisture of concrete. Concrete and mortar are porous in their structure in the form of inter-molecular space. They expand when they absorb the moisture and shrink when they dry. This is the main cause of concrete shrinkage cracks on drying.

Fosroc's Constructive Solution :

Cebex 100- Single component expansive grout additive

Uses & Advantages

Cebex 100 is an admixture for cementitious grouts where a reduced water/cement ratio and positive expansions are required. Applications include construction joint grouting, minor repairs to concrete.

Advantages:

- Gaseous expansion system compensates for plastic shrinkage and settlement in properly designed cementitious grout.
- Reduced water/cement ratio mixes in the grout mix ensures low permeability and long term durability in service.
- Gives grout high fluidity with low water/cement ratio, thus making placement or injection of the grout easy.
- No metallic iron content to corrode and cause staining or deterioration due to rust expansion in the grout.
- Composition allows high early strength development in grouts, without the use of chlorides.

Coverage / Dosage: 225g per 50kg of cement

Packaging: Cebex 100 is supplied in 225g packs.