



# **VITCON GROUT 2051 GA**

*Expanding Grout Admixture*

## **DESCRIPTION**

**VITCON GROUT 2051 GA**, supplied as a powder admixture, is a blended combination of flow ability inducers and expanding additive. The flow-inducing agent in **VITCON GROUT 2051 GA** allows the use of a reduced water/ cement ratio with consequent increased strengths and durability. The expansive medium counteracts the natural settlement and plastic shrinkage of the grout and aids stability and cohesion.

## **ADVANTAGES**

- ✓ Reduces plastic shrinkage and settlement in properly designed cementitious grout.
- ✓ Reduces water/ cement ratio ensuring low permeability and higher durability.
- ✓ Increases grout fluidity at low W/C ratio making placement of the grout easy.
- ✓ Corrosion resistant.
- ✓ Imparts allows high early strength development in grouts, without the use of chlorides.

## **DOSAGE**

**VITCON GROUT 2051 GA** is normally added at a ratio of 0.3 to 0.6% by weight of cement depending upon expansion required. The dosage can be optimized making a site trial as per actual site conditions and requirements.



## **APPLICATION**

Areas to be grouted should be prepared to ensure substrates are clean, sound, and then pre-wetted. The unrestrained surface area of the grout must be kept to a minimum.

For best results a mechanically powered grout mixer must be used. For quantities up to 50kg a slow speed drill fitted with a high shear paddle is suitable. Larger quantities will require a high shear vane mixer. It is essential that machine mixing capacity and labour availability is adequate to enable the grouting operation to be carried out continuously. This may require the use of a holding tank with provision for gentle agitation to maintain fluidity. The selected water content should be accurately measured into the mixer. Slowly add the cement (and sand if required) and **VITCON GROUT 2051 GA**. Mix continuously for 5 minutes, making sure that a smooth even consistency is obtained.

Place the grout within 20 minutes of mixing to gain the full benefit of the expansion process. Adopt usual placing or pumping procedures ensuring a continuous operation.

On completion of the grouting operation, any exposed area, which is not to be cut back, should be thoroughly cured by means of water application, curing membrane or wet Hessian.

## **PACKAGING**

**VITCON GROUT 2051 GA** is supplied in 5 / 25 kg packs.

## **SAFETY**

**VITCON GROUT 2051 GA** is non-toxic and non-flammable. However, any contact with human body must be washed with plenty of water.