



Our superior quality pre-mixed NSG 2601 grout is produced at our state-of-the-art production facility at Brownstown in Co. Kildare. Kilsaran NSG 2601 grout is produced using dried sands, cement and additives. Admixtures are added into the mix design to manufacturer's specifications. All constituent materials comply with the relevant and current Irish, British and European standards.

Product Application

Kilsaran NSG 2601 is, a non-shrink construction grout, designed for use in thicknesses ranging from 10mm – 100mm, in the following applications;

- Stanchion baseplates
- Machine & Plant baseplates
- Jointing precast concrete panels
- Duct Filling
- Bedding precast units
- Anchoring
- Grouting bearing plinths

Product Use

Suitable for use in temperatures between +5°C and +30°C. Ensure all surfaces are clean and free from dust, dirt and grease. Pre-soak area to be grouted a minimum of 4 hours prior to installation. Remove any ponded water. Mix using a suitable paddle mixer or pump mixer. To create a highly flowable grout, mix the contents of a 25kg bag with 5 litres of water for 2-3 minutes. Less water can be added to create a plastic or stiff mix for plinths and bedding precast applications

Basplate: Ensure that a sufficient supply of material will be mixed in order to avoid interruption when filling. Always pour from one side and use air vents where necessary to avoid air entrapment. Pour from a height to ensure maximum compaction and use a rod to aid filling. Do not vibrate the grout. Temporary levelling shims should be greased if they are to be removed after grout hardenes.

Formwork: As the grout is free flowing it is important to ensure the formwork is sufficiently prepared to avoid leaks. A sacrificial concrete mix can be used to fix the baseplate shutter or as a bern. Keep unrestrained areas around the baseplate to less than 150mm.

Curing: Should be as per standard practices for cement based products. Grout should be protected from strong sunlight and cold weather.

Product Yield

Approximately 13-13.5 litres per 25kg bag

Technical Data

Kilsaran NSG 2601 is produced in an ISO 9001 quality-controlled environment to the requirements of the Specification for Highway Works Vol. 1: Clause 2601 in NRA and Department of Transport Publications.

TECHNICAL DATA			
	1 Day	7 Day	28 Day
Compressive Strength	21 N/mm ²	45 N/mm ²	60 N/mm ²
Flexural Strength	5 N/mm ²	7 N/mm ²	10 N/mm ²
Density (Fresh)	2200 kg/m ³		
Early Expansion	1.5%		
Segregation (Glass Plates)	Nil		
Bleeding (Glass Plates)	Nil		
Initial Set	5 hours		
Final Set	7 hours		
Compressive Strain	< 1%		

Benefits

This product offers many advantages over conventional site-mixed or ready-mixed grouts:

- Non Shrink formula
- High early and ultimate strength
- High workability with no segregation
- Can be pumped or poured
- Long term durability
- Convenient and User-Friendly
- Eliminates wastage
- Chloride free

Health & Safety

As with all cementitious-based materials and products, care must be taken to avoid contact with the skin. Please see the relevant Material Safety data Sheet online at www.kilsaran.ie.

Delivery

- 25Kg bags

