

# RESIWOOD™ TG6 TIMBER GROUT

## DESCRIPTION:

**TG6 TIMBER GROUT** is one of a series of specially developed epoxy resin systems for the structural repair of timber.

## PACKAGING:

**TG6 TIMBER GROUT** is supplied in 5 litre or 20 litre plastic pails. Each pail contains the correct amount of filler, resin and curing agent for the appropriate pack size. (See mixing instructions)

## PREPARATION:

Timber surfaces should be clean, free from dust and loose or friable particles.

**TG6 TIMBER GROUT** is free flowing and very searching. Any cracks or apertures must be adequately sealed with Rotafix **P7 BONDING PASTE** before mixing and pouring. Where timber preservatives are involved, please consult our Technical Department.

## MIXING:

The contents of the base resin container/s and the curing agent container/s should be thoroughly mixed in the outer container. The total amount of the filler is then added to the liquid and mixed for 2-3 minutes. Mechanical mixing using the appropriate Rotafix paddle is strongly advised for the 2.5 litre pack and essential for the 7.5 litre pack. The 7.5 litre pack is made up of 3 x 2.5 litre units. If the full 7.5 litres is to be used then all packs need to be mixed in one container. The 2.5 litre units can also be mixed individually if a smaller amount of material is required.

## APPLICATION:

The volume of material required for a particular pour should be pre-calculated. The mixed **TG6 TIMBER GROUT** should then be poured or pumped in such a way that there is a continuous head.

## COVERAGE:

When mixed both pack sizes of **TG6 TIMBER GROUT** will give the stated volumes of finished grout. As a guide, an 7.5 litre pack would fill a void of 100mm x 100mm x 750mm

## CURE SCHEDULE:

Rate of cure and exotherm will be related to ambient temperature, material temperature, volume of material poured and the aspect ratio of the pour. For specific information on individual placements in excess of 50 litres please consult our Technical Department.

Peak Exotherm



Workability:	Cure Schedule	Not insulated	Insulated
90 mins at +10°C	3 Days at +10°C	At 10°C to 20°C	30°C
50 mins at +20°C	2 Days at +20°C	At 20°C to 25°C	40°C
30 mins at +30°C	2 Day at +30°C	At 30°C to 45°C	60°C

## CURED PROPERTIES:

Compressive strength	>50N/mm <sup>2</sup> .
Tensile strength	17N/mm <sup>2</sup> (provisional)
Specific Gravity	1.6
Flexural strength	32N/mm <sup>2</sup> (provisional)
Static Modulus of Elasticity EC8.3	9KN/mm <sup>2</sup>
Standard colour -	Dark Green Colour stable
Minimum application temperature	+5°C.

## SPECIFIC USES:

Replacement of decayed timber, timber beam upgrading.

## CLEANING TOOLS:

Uncured **TG6 TIMBER GROUT** may be readily removed with Rotafix **S200 PC Solvent Cleaner**. Mechanical methods are required to remove cured material.

**The requirements for a Rotafix product(s) may be specific for an individual project.**

Epoxy resins and their associated curing agents can cause irritation to some people. Please take the necessary precautions indicated in the COSHH details available from our offices.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.

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Issue Date : June 2009