

DATA SHEET / KWIKBOND SUPER STRENGTH TGS BONDING LIQUID

GENERAL DESCRIPTION

Kwikbond Super Strength TGS is a styrene acrylate dispersion which can be diluted with water and is intended for use with Kwikrete's or any other flooring products. Kwikbond Super Strength TGS does not contain ammonia. It offers good alkali resistance and adhesion properties in both wet and dry environments.

USE

Kwikbond Super Strength TGS is designed for priming (pre-treating) all substrates prior to application of products. Kwikbond Super Strength TGS should be diluted with clean water. Kwikbond Super Strength TGS is designed for use on a wide range of substrates:

- In-situ and pre-cast concrete
- Lightweight concrete
- Ceramics
- Stone
- Timber
- Steel plate Constrains

Do not use if the floor temperature is below 10°C; if the relative humidity is above 70%

FEATURES & BENEFITS

- Regulates the porosity of the substrate
- Improves the adhesion of flooring products
- Reduces the formation of pinholes in the levelling layer
- Can be spray applied for use on large areas



DIRECTIONS

Preparation and Priming

The substrate should be clean and free from dust, cement, grease or other impurities which might prevent Kwikbond Super Strength TGS from adhering to the substrate. For correct film formation the substrate temperature should not fall below +6°C. For best results the temperature of the work area should be between +10 and +15°C.

Mixing

Kwikbond Super Strength TGS should be diluted with clean water according to the ratios given in the technical data. To obtain the correct mixed ratio, always measure the water into a plastic container and add the concentrated primer. Addition of water to the concentrated primer may result in foaming. The dilution of water and primer is easily mixed with a wooden stick.

Application

The primer solution should be spread evenly over the prepared floor surface using a soft brush or spray, avoiding ponding, and allow to become touch dry (3 – 5 hours under normal conditions). After application and while the primer is still fresh, it should be lightly brushed to ensure a complete uniform film has been applied.

Drying time 3 – 5 hours (under normal conditions).
Overnight (under poor conditions).

Cleaning

Once dried, Kwikbond Super Strength TGS is difficult to remove so care should be taken to clean tools quickly before the primer dries.

TECHNICAL DETAILS

Substrate:	Dilution	Coverage	No Of Coats
<i>Pre-formed concrete</i>	<i>1:3</i>	<i>0.15</i>	<i>1</i>
<i>Lightweight concrete</i>	<i>1:3</i>	<i>0.15</i>	<i>1</i>
<i>Timber</i>	<i>1:5</i>	<i>0.2</i>	<i>1</i>
<i>Marble etc.</i>	<i>1:1</i>	<i>0.2</i>	<i>1</i>
<i>Dry porous surface</i>	<i>1:5 and 1:3</i>	<i>0.2-0.4</i>	<i>2</i>
Industrial floor			
<i>Dry porous surface</i>	<i>1:5 and 1:3</i>	<i>0.2-0.4</i>	<i>2</i>
<i>Dense concrete</i>	<i>1:3</i>	<i>0.15</i>	<i>1</i>
<i>Durobase400</i>	<i>1:1 and 1:3</i>	<i>0.2-0.3</i>	<i>1</i>
<u>Packaging</u>	Kwikbond Super Strength TGS is supplied in 20, and 5 liter plastic bottles/buckets		