

### DESCRIPTION

Tremco DG210 Direct Glazing Fast Curing Sealant is a two component, fast neutral curing silicone sealant for industrial bonding applications and site structural glazing.

### USAGE/PURPOSE

Tremco DG210 is ideal for strong but flexible bonding of IG units to windows frame and sash.

### FEATURES & BENEFITS

- ❑ Consistent and fast curing due to two-component system
- ❑ Easy application with side-by-side twin cartridge and static mixer
- ❑ Tack free after 30 minutes
- ❑ Excellent mechanical properties

### PACKAGING

2 x 200ml Cartridges (6 per case)

6 x Static Mixers

### COLOURS

Comp. A = White

Comp. B = Black

### SHELF LIFE

6 months when stored as recommended in original unopened containers.

### STORAGE

Store upright in shaded dry conditions in temperatures between 5-25°C.



TYPICAL PHYSICAL PROPERTIES		
PROPERTY	TEST METHOD	TYPICAL VALUES
Density		Comp A: 1.25g/cm <sup>3</sup> Comp B: 1.86g/cm <sup>3</sup>
Mixing Ratio		1:1 by Volume
Pot Life		Approx. 15 to 60 minutes depending on the storage time
Consistency		Non sagging
Application Temperature		+5°C to + 40°C
Tensile Strength	DIN 53 504 S2	1.25 N/mm <sup>2</sup>
Elongation at Break	DIN 53 504 S2	200%
Tensile Strength	ISO 8340	0.65 N/mm <sup>2</sup>
Elongation at Break	ISO 8340	Approx. 165%
Elastic Recovery	ISO 8340	Approx. 60%
Shore A Hardness	DIN 53505	Approx. 32°

### PROPERTIES

- ❑ Tremco DG210 is a two-component, ethanol based silicone system easy to use with a side-by-side twin cartridge and static mixer.
- ❑ Curing starts after mixing the components with a ratio of 1:1.
- ❑ Due to the two-component system, curing is consistent and fast and not dependent on the ambient humidity.
- ❑ At room temperature, the pot life is approx. 15 min and after 30 min the surface is tack free.

Advice: After longer storage periods, the pot life and tack free time will extend up to 60 min. The cured material has excellent mechanical properties and is weather and UV-resistant. The A-Component is not reactive. The B-Component on its own cures very slowly with ambient humidity, but will not achieve the mechanical properties of the properly mixed A and B Components.

### SURFACE PREPARATION

Bonding substrates must be sound, clean, and dry, free of grease and from substances likely to impair adhesion.

### PRIMING

Always perform project specific field testing to verify adhesion of the sealant to the substrate. If necessary, Tremco Silicone Metal Primer may be needed.

### APPLICATION

- ❑ Screw off the connection but and open the cap of the side-by-side cartridge.
- ❑ Put the cartridge into the Tremco Dual Cartridge application gun.
- ❑ Squeeze out a small amount to mix the two components in the cartridge.
- ❑ Put the static mixer onto the cartridge and fix it with the connection nut. Squeeze out a bead of 10-20mm. The cartridge is now ready to use.
- ❑ Apply the sealant to the substrate and assemble the parts immediately.
- ❑ After finishing, leave the mixer on the cartridge or close the cartridge with the cap and fix it with the connection nut.

## **CLEAN UP**

Immediately remove all excess sealant with IPA Cleaner. Cured Tremco DG210 can only be removed mechanically. Any utensils used for tooling can also be cleaned with IPA Cleaner.

## **CONSUMPTION ADVICE**

<b>GAP DIMENSIONS WIDTH X DEPTH (mm)</b>	<b>APPROXIMATE USAGE PER 2 x 200ml CTG (m)</b>
5 x 3	26.6
10 x 4	10.0
15 x 5	5.3

## **HEALTH & SAFETY PRECAUTIONS**

The Safety Data Sheet (SDS) must be read and understood prior to use.

## **TECHNICAL SERVICE**

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

## **GUARANTEE/WARRANTY**

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.