TECHNICAL DATA SHEET

Trikol 625G

Gun Grade

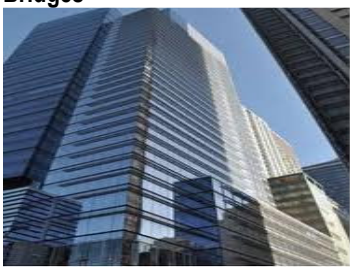
TWO- PART POLYSULPHIDE SEALANT

DESCRIPTION:

TRIKOL 625G is a two part joint sealant based on a liquid polysulphide polymer. It is supplied in a tin containing a base component and curing agent in the correct proportions which, when mixed together, cure to form a tough rubber-like material. When cured, the sealant exhibits excellent adhesion to most surfaces including concrete, aluminum.

Bridges

Stadium



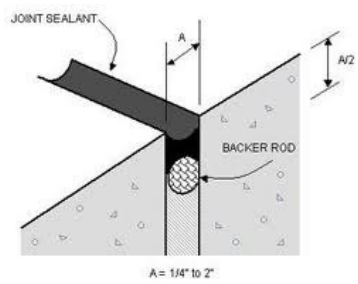
Buildings

Culverts

Dams

Industrial floors

Canals



Expanion joint

Areas of Application

Sealing horizontal & structural expansion

- joints in most civil engineering structures like high rise buildings, roof terraces, basement.
- Structural floor joints, parapet wall & ceilings.
- Internal and external wall claddings.
- Sealing of joints in water retaining structures such as Reservoirs, Dams, Canals, and Culverts.
- Vehicular and pedestrian traffic pavements of concrete

Features & Benefits

- Excellent adhesion and Cohesion
- High elasticity
- Fast curing
- UV resistance

Movement Accommodation:

Butt joints-

(Movement in tension and compression): 30 %.

Lap Joints (movement in shear): 50 %

Technical Data

Colour	Grey (After mixing Base and Hardener)
Pot Life at 25° C	Min 2 hrs
Service Temperature	- 40° C to + 80° C
Specific Gravity @ 25 DegC	1.6
Typical Shore A Hardness	20 -30
Cure Rate at 20° C/65 % RH	7 days at 20° C in a typical joint. At lower temperatures cure rate will be slower.
Chemical Resistance	Resistant to most dilute acids and alkalis, petrol, diesel, jet fuel and many solvents and vegetable oils.

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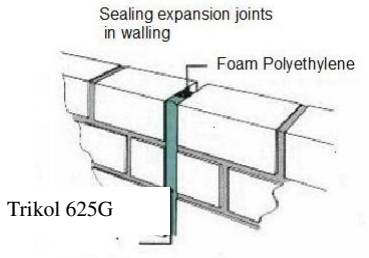
Joint Size Suitability

Joint Width	Min 6 mm,Max 25 mm (Single Application), 50mm (multiple applications)
Joint Depth	Min 10 mm on porous substrate Min 6 mm on non porous substrate Maximum 25 mm
Width : Depth ratio	2:1 butt Joint ,1:1 floor Joints



Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.

Application Instructions

Joint preparation

The joint surfaces must be clean, dry and free from all contamination. The surfaces should be degreased using the appropriate cleaner. Primers may be required on some substrates.

Insertion of Backup Materials

A suitable material is closed cell, medium density, cross linked Polyethylene foam, strip or rod. Ensure constant and correct depth of joint.

Masking Tape Application

Masking Tape should be used on both sides of the joint to improve the neatness of the finished seal.

Priming

Apply thin film of kankol porous primer on both sides of

Mixing

The base and curing agent ratio controls the adhesion, strength and durability of TRIKOL 625G

The base and curing agent must therefore be thoroughly mixed.

Finishing

Finishing can be done by using soap solution. Tooling sealant surface with soap solution wetted finger.

Cleaning

After sealing the joint the tools and equipments should be cleaned immediately with kerosene or any other cleaning solvents/thinners.

Packaging

TRIKOL 625G	**TRIKOL Porous primer**	**TRIKOL non Porous primer**
1KG(approx. 625 ML)	250 ML	250ML
4KG(approx.2500ML)		

GUIDE TO TRIKOL 625G QUANTITIES

Joint Size in mm	Kg/meter run	Meter Run/4kg pack
5 X5	0.040	100
10 X 5	0.080	50
10 x 10	0.160	25
20 X 10	0.320	12.50
40 X 20	1.28	3.12

Health and Safety

Avoid prolonged contact with skin. If sealant comes into contact with the eyes, flush with cold water a
nd obtain medical attention.

Storage Life

12 months in original unopened packaging stored in a cool, dry place out of direct sunlight

Technical Support

Tri Polarcon provides technical advisory service supported by teams of specialists in the field.

Mfg .by.

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