Technical Data Sheet

QUALITY GUARANTEE

Cicojoint®PS600

Two Part Polysulphide Joint Sealant

DESCRIPTION

Cicojoint®PS600 is a two part, cold applied, low modulus, polysulphide based elastomeric joint sealant. Cicojoint®PS600 is formulated to accommodate continual cyclic thermal movement, resist sewage water, oil, and hydraulic fluids, and remain stable at constant exposure to high temperature, high humidity, and direct sunlight. Cicojoint®PS600 is available in both pouring and gun grade, to suit horizontal and vertical joints.

USES

- Sewage and wastewater treatment plants and piping projects.
- Cladding works.
- Sealing of grooves on upstand for tucking bitumen sheet membranes.

ADVANTAGES

- Wide application capability.
- Available in two grades.
- Setting time doesn't depend on RH or temperature as it is chemically cured.
- High flexibility.
- Sewage water resistant.
- No discoloration.
- UV resistant.
- Suitable for hot climate conditions.

STANDARDS COMPLIANCE

ASTM C 920 Type M, Grade NS, Class 25 (gun grade), and Type M, Grade P, Class 25, use T (pouring grade).

PACKAGING

Pouring grade (PG): 4.0 liter pack
Gun grade (GG): 2.5 liter pack

SHELF LIFE & STORAGE

12 months storage life if stored in its original unopened containers under a dry and shaded place in a temperature from 5°C to 40°C.

TECHNICAL PROPERTIES

Form	Viscous paste
color	Black
Solid content (ASTM D1644)	100%
Density @ 25°C	1.40±0.02 kg/ltr
Movement Accommodation Factor	25%
Shore A Hardness	17±3 (pouring grade) (gun grade)
Application Temperature	5°C to 45°C
Service Temperature	5°C to 80°C
Pot Life @ 25°C	>2 hrs.
Tack Free Time @ 25°C	24 hrs.
Elongation at break (DIN 53504)	

CHEMICAL RESISTANCE

Cicojoint®TPU is resistant to occasional spillage of

- Aviation fuel
- Petrol
- Diesel fuel
- Kerosene
- Hydraulic fluids
- White spirit
- Lubricants

APPLICATION INSTRUCTIONS

Joint Preparation

Joint surfaces must be clean, dry, and free from dust and laitance. Mechanical preparation of surfaces with grinding, grit blasting, sandpaper, or emery paper is recommended. Contamination can be removed by wiping with a degreasing solvent such as acetone.

Use Cicobacking®Rod, which is 5 mm greater than the joint width to assure insert stability. Using a backing rod is a must. Not only to adjust the required section dimensions but also to ensure that the sealant is not bonded with the bottom of the joint. If there is no space for a backing rod, any debonding tape should be used for the same purpose. Apply masking tape on both sides of the joint before priming and remove it once the sealant application is over.

Priming

Use Cicoprime®S on the surfaces that are expected to stick with the sealant 45 minutes before application (it should be still tacky during sealing). For new concrete and clean activated old concrete surfaces, primer is not required.

Mixing

All pack content should be mixed and used at the same time. Both components shall be thoroughly mixed together by electric drill with a suitable paddle until a homogeneous mix is achieved. The gun grade should be loaded at once to the sealant gun, while the pouring grade can be poured directly into the horizontal joints.

Finishing

After sealant filling, soapy water can be used to finish the sealant surface, either by gloved hands or by suitable timber spatulas. Just after finishing the surface, and before curing, all masking tapes should be removed.

JOINT SIZE:

Minimum width	6 mm
Maximum width	50 mm (Pouring Grade) 35 mm (Gun Grade)
Minimum depth	6 mm

- Recommendation:
- Joints under normal force only: Depth = Half Width fig (1).
- Joints under normal & shear force: Depth = Width fig (2).

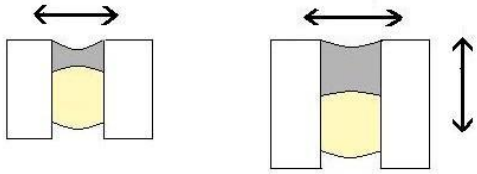

Fig (1) Fig (2)

CLEANING

Uncured Cicojoint®PS600 can be cleaned with Cicosolvent® or alcohol, while cured sealant can be removed by light hand tools such as spatulas.

PRECAUTIONS

Health And Safety

Cicojoint®PS600 is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When contact with the skin is made, wash off immediately with soap and water. If swallowed, seek medical attention immediately, do not induce vomiting.

TECHNICAL SUPPORT

CIC provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other CIC products and guidance on their use are available on request.

Warranty

CIC products are guaranteed against defective materials and manufacture and sold subject to **CIC's** standard terms and conditions of sale. Whilst **CIC** endeavors to ensure that any advice, information or recommendation given is correct, the company cannot accept any liability either directly or indirectly arising from the use of its products. User of the product must test the product's suitability for the intended application and purpose, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Our Products are in continuous development and CIC reserves the right to change the product without prior notice.

Jeddah Head Office
Jeddah tower building - SHARFIYA - PO BOX 7232 JEDDAH 21462
+9666532152
info@cictg.com

Central Region
Khurais road-Al Rabwa
Near Gulf Bridge Riyadh
+966 11-4937635
+96611-4939213

Eastern Region
Alkhuzayem 2/7446 King Abdulaziz Rd Madinat Al Umal-AlKhobar 34441 4759

Jeddah Factory
Modon Phase 3, Jizan Road, Jeddah, Saudi Arabia

Jubail Factory
2882 Road 118- 1St Industrial Area Unit No 69

WWW.CICTG.COM