

**LANKO**



### CHARACTERISTICS

- Suitable for joints subject to movement.
- Pot life is adjusted to tropical conditions to prevent wastage.
- Fuel and chemical resistant.

### DESCRIPTION

607 PS SEALANT is a two-component polysulphide sealant, which cures to a highly elastomeric rubber like material with excellent resistance to chemicals, light and other weathering agents.

607 PS SEALANT is available in pourable and gun grade for use in horizontal and vertical joints where movement is expected.

### USES

As a joint sealant for expansion and construction joints.

- Buildings.
- Bridges.
- Reservoirs.
- Sea walls.
- Roads.
- Water treatment plants.

### SPECIFICATIONS

- Appearance
  - After curing : Rubber like
- Chemical type : Polysulphide
- Solid content : 100%
- Specific gravity : 1.4±0.1
- Pot life : 1-2 hours at 30°C
- Initial setting time : 45-60 minutes
- Tack free : 24 hours
- Cure time : 7 days
- Temperature resistance : 0°C to 100°C
- Movement accommodation
  - factor (MAF) : ±25%
- Elongation at break : 400%
- Hardness shore A : 25-27 at 25°C

#### Chemical resistance\*

Dilute Acids	: Excellent
Dilute Alkalis	: Excellent
Fuels (Solvent)	: Excellent
Oils	: Excellent
UV&Ozone	: No effect
Biological growth	: Good
Staining	: None

\* This information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself.

#### Standards compliance\*

- BS 4254-83
- BS 6920-1990
- BS 6212-90
- ASTM C920-79
- TTS-5-00227E

### WORK INSTRUCTIONS

#### Joint design

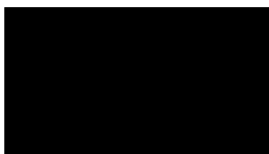
- Joint size may range from a minimum of 5 mm to a maximum of 50 mm width.
- Joints which are expected to experience cyclical movement should have a width to depth ratio 2:1.
- Recommended minimum depth of sealant
  - 5 mm for impervious surface such as metals, glass, etc.
  - 10 mm for all porous surfaces.
  - 20 mm for joints exposed to traffic and hydrostatic pressure.



Grey



White



Black

Shading of the colour samples may be somewhat different from the actual colours.



### COVERAGE

- $W \times D / 1000$  = No. of litre per metre run.
- W = Joint width (mm).
- D = Joint depth (mm).

### PACKAGING

- 2.5 litre kit (A+B) in single pack.

### STORAGE

1 year from date of manufacture if stored in unopened original packing in cool dry, frost-free conditions, kept away from sunlight.

### Joint preparation

- Damage must be repaired prior to application, using a mortar with 751 LANKOLATEX or 731 REPAIR MORTAR.
- Joints must be very clean, sound, dry, dust-free and without any traces of oil, laitance, paint and curing compound.
- A bond breaker such as masking tape or LANKO FONDS DE JOINTS a round polyethylene foam should be used to ensure that the joint maintains a movement and to reduce the depth of the joint to be filled.

### Priming

- All surfaces should be primed with one coat of 608 PU/PS PRIMER. Primed surface should be left to dry for a minimum period of 1 hours before applying 607 PS SEALANT.

### Product preparation

- The part A and B are supplied ready for mixing in a single can.
- Mix and use one complete kit at a time.
- Both components shall be thoroughly mixed. It is recommended to use an electric drill fixed with paddle stirrer.
- Ensure that the sides and base of the container has been scraped down with a pallette knife to ensure all the curing agent is completely blended with the base component.

### Application

- Immediately after mixing, Gun grade 607 PS SEALANT shall be loaded to the sealant gun and applied to the joint. The Pouring grade may be poured directly into the horizontal joints and level it properly.
- Deep joints should be filled in two or more runs to prevent air entrapment.

### Finishing

- Once the sealant has been applied a small timber spatula or finger soaked in soapy water shall be used to compact the sealant into the joints and to achieve a smooth finish.
- Any masking tape applied should be removed before the sealant cures.

### PRECAUTIONS

- Temperature range for use : 5°C to 50°C.
- In all cases joints, shearing, compression and displacement should be studied in advance.
- In view of the wide range of materials available, especially porous materials (e.g. Carrara marble), a representative test should be carried out prior to application in order to ascertain the need for primer.
- Mixing and application tools shall be cleaned with epoxy thinner immediately after use.