

PC 4 AF Cold Caulking Compound

Joint Design Considerations

PC 4 AF may be applied in gaps up to 2 inches (50mm) in width. Joints subject to high pressure and to movement should be designed with a width:depth ratio of 1:4 or greater.

Installation Guidelines

The information below is a summary intended for guidance only. Contact LynCar for detailed methods.

Joint Preparation

Ensure all surfaces are free from all mud, dust, dirt and debris and clean thoroughly. Clean water should be liberally applied by brush or hand spray to the joint surfaces immediately before the caulking compound is installed.

Application

- 1 Cut the required length of cord, lay on clean surface and completely dampen with a brush dipped in clean water or hand spray.
- 2 Select the maximum thickness of caulking tool that will comfortably fit the joint, allowing a 40 to 80mil (1 to 2mm) clearance.
- 3 Press the dampened cord into the bottom of the sealing slot and insert into the joint firmly using a caulking tool and hammer until fully compacted.
- 4 Keep the PC 4 AF caulking compound moist during the operation by dipping the caulking tool into water or by spraying or brushing water into the joint.
- 5 Do not use excess water. Continue adding and caulking further lengths of cord until the gap is completely filled or has reached the required width:depth ratio of 1:4 for high pressure joints.
- 6 To ensure a homogenous seal, PC 4 AF must be caulked sufficiently to break up the supporting braid. For narrow joints, it may be necessary to flatten the damped cord prior to insertion.
- 7 Smooth off the fully caulked joint with the flat edge of the caulking tool.
- 8 Cure the finished joint for 48 hours by covering with polythene sheet sealed at the edges with tape.
- 9 Clean up using water.

Typical Application

- Spigot and socket pipe connections
- Pipe entries
- Joints in sheets piles
- Manholes
- Leaking cracks in walls and tanks
- Tunnel segments
- Box culvert joints

Volatile Organic Content

VOC = 0 g/L

Packaging

Part# 2896 7lbs (3.125 kg) per tin

Part# 2895 2 meter length in plastic bag

Shelf life

1 year when stored in original containers in cool, dry conditions.

Limitations

PC 4 AF is not suitable for sealing plastic or clay pipes. Do not use excessive water when installing the cord. A minimum depth of 2 inches (50mm) is required when used to confine hydrophilic waterstops.

Do not apply or allow to cure in temperatures below 41°F (5°C).

Do not expose to aggressive chemicals.

Health and Safety

This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product.

The MSDS can be obtained via our website www.lyncar.com



Head Office
30 Hedgedale Road
Brampton, ON L6T 5L2

Toll Free Phone: 800.263.7011
Toll Free Fax: 800.459.6227
Website: www.lyncar.com