Technical Data Sheet

LOCTITE® PC 9626™

Known as LOCTITE® Fixmaster® Deep Pour Grout™
October 2015

PRODUCT DESCRIPTION

LOCTITE® PC 9626™ provides the following product characteristics:

Technology	Epoxy
Chemical Type	Epoxy
Appearance (uncured)	Thick black liquid
Components	Two component - requires mixing
Cure	Room temperature cure
Application	Flooring & grout
Specific Application	• Diesel or gas engines, generators • Cone crushers • Compressors • Mine hoists • Outboard bearings • Gantry cranes • For pours up to 150 mm thick
Specific Benefit	• Aggregate-epoxy system • Non-shrinking • Chemical resistant • Self-leveling • Application versatility • Corrosion resistant • Fast and easy to use • Reduces downtime • Stronger than concrete • Long lasting
Mix Ratio, by volume - Resin : Hardener to Filler	4.05 : 1 to 8.21
Mix Ratio, by weight - Resin : Hardener to Filler	16.4 : 3.6 to 80

LOCTITE® PC 9626™ is an aggregate-filled epoxy system designed for grouting up to 150 mm (6 in) deep, including self-levelling applications under rails and sole plates at typical dry service temperatures of -30 to +105°C (-20 to 225 F). Withstands high torque loading.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Coverage	10.8 dm³ per 19 liter (660 in³ per 5 gallon)

TYPICAL CURING PERFORMANCE

Curing Properties

Cure Time @ 25 °C, hours	24
Working Time @ 25 °C, minutes	30

TYPICAL PROPERTIES OF CURED MATERIAL

Cured for 24 hours @ 25 °C

Physical Properties:

Compressive Strength, ISO 604	N/mm²	100
	(psi)	(14,500)

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Directions for use:

1. Prepare area to be grouted. Make sure foundation is above 10 °C (50F). The grout is not recommended for use below 10 °C (50F).
2. Remove the two cans and filler from the outer pail.
3. Pour all contents of the resin into the pail. Shake the hardener can to premix then add all of the hardener to the resin. Mix the resin and hardener together for 3 minutes.
4. Gradually add the filler to the pail and mix until there is no dry powder present.
5. Total mixing time from start to finish should not take more than 15 minutes or the mixture will harden before mixed grout can be poured.
6. Pour into area to be grouted immediately after mixing to give maximum flow before set up. At 25 °C, working time is 30 minutes and material will be functionally cured in 24 hours.
7. Allow epoxy grout to harden before starting machinery.
8. See warning labels on packages for safe handling procedures.

Technical Tips for Working With Epoxies

Working time and cure depends on temperature and mass:

- The higher the temperature, the faster the cure.
- The larger the mass of material, the faster the cure.

To speed the cure of epoxies at low temperatures:

- Store epoxy at room temperature.
- Pre-heat repair surface until warm to the touch.

To slow the cure of epoxies at high temperatures:

- Mix epoxy in small masses to prevent rapid curing.
- Cool resin/hardener component(s).

Not for product specifications
The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Storage
Store product in the unopened container in a dry location. Material removed from containers may be contaminated during use. Do not return liquid to original container. Storage information may be indicated on the product container labeling. **Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties**. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those recommended. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions
(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

Note:
The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.
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