



PS9210(L)

1. Product Description

KORESEAL PS9210(L) is a two-component, polysulfide resin based H-type sealant for the sealing of joints in concrete roads, concrete express ways and concrete runways. The excellent fuel resistance of PS9210(L) makes it particularly suitable for aircraft fueling areas and runways. The test result of PS9210(L) in accordance with Federal Specification SS-S-200E are fully satisfied.

2. Applications

- Sealing of joints in the concrete runways.
- Joint in the concrete parking areas.
- Joint in the concrete roads and expressways

3. Key Performance Properties

- Oil, fuel and hydraulic fluid resistance.
- Excellent durability and high performance.
- Self-leveling.

4. Typical Property Data

(Tested at 23 °C, 50 % relative humidity)

Property	Unit	PS9210(L)	
		PTA	PTB
Appearance	-	Paste	Liquid
Specific gravity	-	1.54 ± 0.1	1.30 ± 0.1
		Mixture : 1.43±0.1	
Mixing ratio(wt)	-	1	1
Color (mixture)	-	Grey	
Self levelling	-	Good	
Hardness	Shore A	Under 3	
Tensile Strength (H-Shape)	N/mm ²	Min.0.1	
Elongation (H-Shape)	%	Min.300	
Shelf Life	Month	6	

Notice 1) Typical property data values should not be used as specifications.



PS9210(L)

5. How to Use

1. Joint preparation: Joint sealing slots should be accurately formed and must be dry, clean and free from frost. Remove all dust and laitance by grinding, sand blasting or wire brushing. The prepared sealing slot should be blown out with dry and oil-free compressed air.
2. Back-up Material: Insert back-up material to assure correct designed joint size and to prevent three-sided joints
3. Masking: For neat straight edges, apply masking tape along the joint flanks.
4. Primer coating: Coat joint sealing slot surface with Koreseal Primer (KCC KP9050).
The surface should be touch dry before applying sealant.
It takes between 15 minutes to 60 minutes depend on climatic condition. After 8 hours, any Primer-coated surface must be coated again with Primer before applying sealant.
5. Mixing (PTA & PTB) : Using slow speed drill fitted with mixing paddle, mix for one minute, stop the mixer and scrape around the top of the tin to blend in any remaining curing agent. Continue mixing for over five minutes until the material is thoroughly mixed.
6. Placing the Sealant: Fill joints with caulking gun or plastic pouring can. It is important to keep mixed sealant free of air bubbles.
7. Tooling: Surplus sealant is then removed with suitable tools (spatula, etc) and smoothed concave finish.
8. Removing of masking: Masking tape should be removed immediately after finish tooling of sealant is accomplished and before the sealant begins to cure.
9. Cleaning: Sealant has not become harden on tools, hands or clothing can be removed with suitable solvents. Hardened material can only be mechanically removed.



PS9210(L)

6. Limitation

PS9210(L) should not be applied :

- 1) To building materials of adhesive hindrance or discoloration that bleed oil, plasticizer or solvent and so on.
- 2) In totally confined spaces.
- 3) When substrate surface temperatures exceed 50 °C.
- 4) To wet surface.
- 5) For continuous immersion in water or in below-grade applications.
- 6) Surface in direct contact with food.
- 7) For continuous high pressure and high temperature.
- 8) Interior fire prevention section.
- 9) Joint region that wear is expected by physical friction.
- 10) Not recommended for use on polycarbonate plastic sheeting, suitability for use on other type of plastic should be tested prior to application.

Confirmation is necessary in regard of PS9210(L) before use.

- Apply after adhesive test although most engineering materials and coherence are excellent. (Engineering applications require prior testing please contact to KCC before applying)
- For sufficient test for the purposed usage of the sealant by the end user is needed. The application of products suitability for purposes of the final decision will depend on consumers

※ Inquire other questions to customer service.

※ When there is something wrong to product, it compensated by compensation regulation.



PS9210(L)

7. Handling Precautions

- * Use at room temperature in the range of 30 to 80 % relative humidity.
- * Use at temperature over 50℃ and under 5℃ is not recommended.
- * Time for complete curing is dependent on the thickness of PS9210(L) applied.
- * Adhesiveness may decline in case of the substrate contaminated. For the best adhesion, clean surfaces thoroughly with solvent before applying the product.
- * Wear eye protection and protective gloves when handling this product.
- * Maintain adequate ventilation in the work place at all times.
- * Do not use besides service.
- * Do not inflict shock in receptacle.
- * Avoid direct ray of light and keep in state that is tightly shut in place that moisture is less.
- * Do not mixing with other products.
- * Wash cleanly after work.
- * Abolish through waste processing company.
- * As change in quality can be at long term storage, use in validity.

8. Safety and Storage

- Use it within 6 months from the day of manufacture. As change in quality can be possible at long term storage use in validity.
- Store in a cool dry place out of direct sunlight.
- Keep in place that child's hand does not touch and never ingest or do not touch in skin.
- Don't work at neighborhood of heat or fire.
- Store in original unopened containers in a dry place. Temperature should not exceed 25 ℃ for prolonged periods.



PS9210(L)

9. Packaging

18L Set PTA: Pail(8.2L)

PTB: Pail(9.8L)

10. Warranty Information – *Please read carefully*

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use.

KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted.

KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages.

Suggestions of use shall not be taken as inducements to infringe any patent.

[ISSUED] Feb 13, 2015