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## Basic Description

PARASEAL is a two component, 100 % solids, polyurethane joint filler. Readily pourable PARASEAL sets quickly to form a durable joint seal on pavement and floor crack repair which is designed to protect joint edges.

**RECOMMENDED FOR:**

- filling joints and cracks in industrial and parking floors, tennis courts, patios, etc.
- filling sawcut/control joints.
- filling/sealing saw cuts in concrete and asphaltic pavement when laying traffic loop detectors.
- where an environmentally friendly product is required, e.g. interior joint repairs where odour during application is a concern.
- filling horizontal cracks in wood, many plastics and most hard surfaces.

**FEATURES:**

- Low temperature joint flexibility.
- Protects joint edges even in severe freeze/thaw environments.
- Reduces long interruptions to traffic flow.
- Conforms to ACI 302 IR (4.10) Guide to Concrete Floor and Slab Construction.
- Fast cure rate (with accelerator cure can be very rapid).
- Economical joint filler.

## Limitations

Do not apply to vertical or sloping joints or cracks as PARASEAL is liquid during application. Do not apply when temperature exceeds 32°C (90°F). Below 10°C (50°F) cure time extends drastically unless accelerator is used. Do not apply if rain is imminent. All cracks and joints must be clean and dry before applying or some foaming may result.

## Properties

Adhesion :	Excellent adhesion to wood, concrete, asphalt, metals, painted surfaces, most hard plastics and to itself.
Colours :	Black, Grey, Tile Red, Green, White.
Flexibility:	Resilient material
Setting Time:	5 minutes to 1 hour - depending on temperature and whether or not accelerator is used.
Water Resistance:	High resistance to fresh and salt water - hot or cold.
Chemical Resistance:	High resistance to most common petrochemical solvents and most organic acids. Not resistant to strong caustic solutions, strong mineral acids, styrene, acetone and some chlorinated solvents.
Shelf Life:	One year in unopened containers at temperatures between 40°F (4°C) and 90°F (32°C).
Elongation:	75-85%-ASTM D412
Hardness:	Shore hardness(A) - 80-82
Adhesion to concrete:	Creates a polymeric bond in excess of 300 psi

## Packaging

PARASEAL is a 2-component system and is available in 10 lb. and 50 lb. kits. Part A is the larger component and contains the wear resistant ingredients. Part B is the smaller cross-linking component. The kit parts are accurately measured for complete mixing with each other. If part kits are used, split the components accurately as follows:  
By weight: 4.9 parts Part A and 1 part Part B  
By volume: 4 parts Part A and 1 part Part B

## Preparatory Work

Joints and cracks must be clean, dry and free of any contaminants such as curing compounds, grease, etc. Adhesion will be only as good as surface preparation. Any moisture present may cause PARASEAL to foam.

Joints/cracks must have a tight bottom, sand or backer is recommended to seal crack bottom.  
Important: Proper joint preparation is essential for satisfactory performance of any joint filler.

## Use - Mixing

1. Stir each can "A" thoroughly prior to use. Part "B" does not need to be mixed.
2. Mix the two parts together thoroughly, but not too vigorously.  
Try to minimize the amount of air pulled into the liquid while mixing.
3. If a very rapid cure is required, stir Accelerator into Part A before blending Part A and Part B. It is critical to carefully weigh amount of accelerator used otherwise complete kit could gel and set-up in the container.
4. If a thicker consistency is required for filling larger holes or to give an increased traffic wearing surface, fillers such as sand, glass beads, etc. may be mixed into the part A .

## Use - Application

1. Pour catalyzed PARASEAL from a spouted container into the properly prepared joint or crack.
2. Fill the joint or crack to an absolute maximum without overflow.
3. Keep traffic off the joint until it has congealed or set.
4. One 10 lb. kit will fill approximately:

1/4" x 1/4"	265 lineal feet
1/4" x 1/2"	132 lineal feet
1/2" x 1/2"	65 lineal feet

  
One 50 lb. kit will fill approximately:

1/4" x 1/4"	1325 lineal feet
1/4" x 1/2"	660 lineal feet
1/2" x 1/2"	325 lineal feet

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**Clean Up**

Clean equipment with xylene or M.E.k. or, where a non-flammable solvent is required, use methylene chloride.

**First Aid****READ M.S.D.S. SHEET BEFORE USE**

Harmful if Part B or the mixed material swallowed - call physician immediately. Wear gloves, avoid eye contact. Very difficult to get off skin - wash affected area with warm soapy water.

**Warranty**

Innovative Manufacturing warrants that products that it manufactures conform to their chemical and physical descriptions and are within bounds fit for the use stated on their Product Data Sheets when used in compliance with the written instructions. Since no control is exercised over the use of the products, no warranty, expressed or implied is made to the effects of such use. Insulmastic's obligation under this warranty shall be limited to refunding the purchase price of that portion of our product proven to be defective.