



# LUCAS *Coatings & Mastics for the Roofing Trade*

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## PRODUCT DATA BULLETIN

**#4500**

## 100% SOLIDS SEMI-SELF LEVELING SEALANT

### PURPOSE

Lucas #4500 is a one component, non-shrink, advanced technology polyurethane sealant designed for sealing pitch pockets and pans, metal roof seams & fasteners, inlaid gutters and polyurethane foam roofs. #4500 is compatible with Lucas water-based acrylic coatings. It is ideal for repairing hail damaged polyurethane foam roofs. It may also be used in conjunction with custom manufactured Lucas #404 4"x4" and #406 6"x6" metal pitch pockets which can be combined to produce pans of various sizes and shapes.



### PRODUCT DESCRIPTION

Lucas #4500 Pitch Pocket Sealant 100% solids moisture-cure polyurethane sealant. It is semi self-leveling so that it can be used to fill pitch pockets and pans, seal gutters and metal roof seams & fasteners with minimal tooling. Viscous enough to avoid running and drain out issues encountered with more liquid sealers. #4500 is 100% solids which results in zero shrinkage. Conventional "quart" caulk tube packaging eliminates the requirement for custom application equipment and waste associated with larger packaging. Performance range is -40° F to +200° F.

### APPLICATION

It is recommended that the roof surface be wiped clean with solvent immediately before use. Ideally VM&P Naptha, Xylene or a commercial splice wash. Metal roofs may be power washed clean with Lucas #115 Detergent Roof Primer. This will remove surface contamination and dramatically improve adhesion of the filler to PVC, TPO, EPDM and smooth surfaced asphalt and modified bitumen roofs. Insert cartridge into a standard "quart" size caulk gun. Cut tip, puncture seal and apply as desired. In pitch pans the material should be over filled slightly so that water doesn't sit in the pocket. Unused material can be saved by sealing the tip with tape or plastic film. Allow 24 hours before coating with Lucas water-based acrylic coatings. For pitch pocket information, see the Lucas #404 and #406 Product Data Bulletin.

## **#4500 SPECIFICATION**

<b>Recommended Rate of Application:</b>	
<b>Pockets and Holes</b>	<b>48.5 cubic inches per tube</b>
<b>Metal Roof Seams</b>	<b>33 ft per tube</b>
<b>Metal Roof Fasteners</b>	<b>100 per tube</b>
<b>% Solids by Volume</b>	<b>100%</b>
<b>% Non-volatile</b>	<b>100%</b>
<b>Elongation ASTM D-412</b>	<b>400% @ 77°F (25°C)</b>
<b>Tensile Strength</b>	<b>400 psi min</b>
<b>VOC</b>	<b>&lt;2%</b>
<b>Flash Point (TCC)</b>	<b>None</b>
<b>Container Sizes</b>	<b>28 oz. tubes</b>
<b>Standard Colors:</b>	<b>White</b>
<b>Shelf life:</b>	<b>12 months</b>

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