

USP POND RX

Technical Data Sheet

Product Name: USP™ POND RX

Product Description: Designed to fill in low areas of the roof that tend to collect water creating a level surface to displace the water to its intended slope path. POND RX is a 95% solids, 2 part component that is made from a select blend of asphalt and proprietary polymers that when cured forms a rubberized fill material that is a suitable surface to receive hot asphalt, torch applied or liquid coatings.

Uses: Can be applied to asphalt, concrete, wood surfaces, asphalt built-up roofs, modified bitumen membrane or aged single ply membranes. Ideal for eliminating small ponded areas on a roof or around drains. Compatible with hot asphalt applied and torch applied roof covers, and USP™ Energy Coatings.

Product Data: USP™ POND RX

Composition: Part A (Modified Asphalt) and Part B (Activator)
Coverage Rate: 850 cubic inches per 4 gallon kit.
Weight: 6-7 lbs/gal (0.7 – 0.8 kg/ L) +/- 2%
Color: Black
Solids; D-1353: 95% +/- 2%
Tensile, D-412: 4,000 psi @ 24 hr cure
Elongation; D-412: > 5%
Adhesion D-413: Pass (Concrete, Asphalt)
Permeability; E-96: 0.24 Perms
Viscosity: 500 – 1000 cps (Brookfield)
Flash Point D-1310: None
Pot Life: 4 minutes after mixing
Set Time: 40-45 minutes @ 70°F
Cure: 12-72 hours, depending on thickness depth

POND RX	
Estimated Number of Kits Required to Fill Ponding Areas	
Avg Pond Depth (in)	Approx kits per 20 sq ft
0.25	1
0.50	2
0.75	3
1.00	3.5
1.25	4.5
1.50	5 – 5.5
1.75	6
2.00	7

Note: 1 kit yields up to 850 cubic inches. Area determined by length (ft) x width (ft) x 144 x ht (in) = total cubic inches.

Surface Preparation: All surfaces to be adhered must be clean, dry and free from any foreign matter, such as oil, grease, dirt or any debris that could inhibit the bonding capabilities of the POND RX. For best results power sweep or use a blower to clean desired area to receive POND RX. On existing roofs, inspect roof deck condition to ensure that deck can handle weight load and is not in need of replacement.

Application Instructions: Remove lid. Remove Part B (white bag which contains the activator) and shake or tumble contents for 30 seconds. Next remove Part A (Modified Asphalt Liquid). Hold cap to prevent spillage and shake well for 30 seconds. Remove cap from Part A and pour contents into 5 gallon pail. Open white plastic bag (Part B) and pour all contents into 5 gal pail stirring until thoroughly mixed. (Use a 6" mud mixer on ¾ hp drill) and mix on low for a **maximum of 15 seconds** starting in the center and work to edges forming a slurry consistency (**Note: Longer mixing time will significantly reduce pot life and work ability**). When mixed, immediately pour material into low roof areas and spread as desired. **Note: Once mixed, pot life is less than 5 minutes.** Set time is approximately 40-45 minutes depending on thickness depth and ambient temperature. Material begins to gel within 3 – 5 minutes, thus reducing the work ability time, therefore it is important to spread to desired thickness as soon as possible. If additional fill material is required, simply repeat process with an additional kit after 1 hour cure. Allow POND RX to cure for 2 hours before hot mopping or torching membrane over the fill material. For coatings allow POND RX to cure for a minimum of 72 hours, then apply USP BLEEDBLOCK or USP ASPHALT STAIN BLOCKER at rates indicated by product instructions. Note: Coating base is determined by selection of top coating material. (Refer the U.S. Ply application and installation instructions for specific installation procedures of the respective membranes and/or coatings.)

Storage/Handling: USP™ POND RX may be stored up to 12 months in an unopened container. Store between 40°F – 100°F. Do not allow material to freeze. Keep containers covered when not in use. Observe normal safeguards for storing and handling of this product prior to and during application. Do not thin. POND RX can be applied within an ambient temperature range of 40°F (4.4°C) to 100°F (37.8°C). Store material at 70°F (21.1°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10° C) or below. **Clean Up:** Clean residuals with soap and water and/or dry-citrus cleaner. Clean hands with soap and water or waterless hand cleaner. **Ventilation** – Use with adequate ventilation. Close containers when not in use. **Compatibility & Limitations:** Do not use on wet or damp surfaces or surfaces previously covered with coal tar products.

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative.

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