



## ROCKHARD POLY

Rockhard POLY is a two-component, 83% solids, VOC compliant, low odor, aliphatic polyaspartic polyurea that was developed for UV stable floor topcoats. It provides outstanding appearance, superior chemical, UV, and solvent resistance. It exhibits excellent physical properties. This system has been approved by the Canadian Food Inspection Agency (CFIA). Rockhard POLY also meets FDA and USDA requirements. Rockhard POLY UV stable polyaspartic top coat hold up to most battery acid spills.

**Dynamic Coefficient of Friction (DCOF)** Falls within all ANSI/ADA minimums DCOF  $\geq$  0.42

\*Consult floor coating installer for warranty information.

Usage	Paint for finishing concrete structures, interior flooring, etc.				
<b>Specification</b>					
Paint type	Polyaspartic flooring (2-Component)				
Drying time	Category	5°C	20°C	30°C	
	Set-to-touch(hrs)	-	1.5	1	
	Dry-through(hrs)	-	12	10	
	Pot life(minutes)	-	80	60	
Above drying time have been measured under laboratory conditions and may vary depending on the construction site.					
Thinner	-	Solid content(wt%)	part A	part B	Mixture
Specific gravity	approx. 1.0 (mixture)		87	65	76
Theoretical Coverage	0.4 kg/m <sup>2</sup> (0.3 mm)	Solid volume ratio	approx. 73%		
Color	Clear	Thickness of dried film	0.3 mm		
Mixing ratio	A / B = 1 / 1 (Volume ratio)	Flash point	-		
Shelf life	12 months (5~35°C indoor storage)	Packaging unit	7.58L [(A) 3.79L, (B) 3.79L]		

### Product Properties (Physical Property Data)

Adhesion	600 psi (substrate ruptures)	Hardness	Shore D 75 ± 5
Abrasion Resistance	< 30mg (ASTM D4060 CS17/1000cycles/1000g)		

### How to Use

Surface treatment	<ol style="list-style-type: none"> <li>1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated.</li> <li>2. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 60%.</li> <li>3. Remove the protruded parts using a grinder. Cracks on the surface should be repaired before coating.</li> </ol>
Coating Conditions	1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less
Coating Method	<ul style="list-style-type: none"> <li>▷ Primer : Cleanpoxy primer (It may vary depending on the substrate)</li> <li>▷ Intermediate coating: epoxy clear flooring etc.</li> <li>▷ Top coat : ROCKHARD POLY</li> </ul>

