

**PRODUCT:** 6CR4500GXX  
**DESCRIPTION:** Clear Polyurethane Converter  
**USE:** Interior Cabinetry, Furniture and Wooden Fixtures  
**APPLICATION SYSTEM:** Airless, Airmix, Traditional Spray Equipment

**CHEMICAL - PHYSICAL CHARACTERISTICS\***

**SPECIFIC GRAVITY:** 0.96 ± 0.100 (Kg/l at 68°)  
**DENSITY (WPG):** 8.35 ± 0.100 (lbs/gal US at 68° F)  
**WEIGHT SOLIDS:** 49% ± 1  
**VOLUME SOLIDS:** 42% ± 1  
**VISCOSITY:** 90" ± 5 (DIN6 at 68° F) approximately 100" Zahn cup n°4  
**VOC (material):** 4.26 lbs/gal US or 510,10 g/l  
**VOC (coating):** 4.26 lbs/gal US or 510,10 g/l  
**VOC Ratio:** 1.09 lbs VOC/lbs Solids  
**HAPS Ratio:** 1.04 lbs HAPS/lbs solids

\* Note all values above are based on 10 sheen

**PREPARATION OF THE PRODUCT**

**6CR4500Gxx (70%) + 30% of pastes** 100 parts by weight  
**6CTH3** 50 parts by weight  
**DPU820** 30-40 parts by weight

Or

**6CR4500Gxx (70%) + 30% of pastes** 100 parts by volume  
**6CTH3** 50-55 parts by volume  
**DPU820** 35-45 parts by volume

**OR alternate catalyst**

**6CTH31** 50 parts by weight

Or

**6CTH31** 50-55 parts by volume

**POT-LIFE:** 6 hours (reduced at 20% with DPU820 at 68° F)

**This product meets U.S.A. TSCA regulations.**

**This product is available in 05, 10, 20, 50, 80 sheen.**

## **APPLICATION CHARACTERISTICS**

**COVERAGE:** 392 sqft/gal or 9.6 sqm/l (1 mil dried)  
**APPLICATION AMOUNT:** 90-150 g/m<sup>2</sup> 3 - 6 (wet mils)  
**NUMBER OF COATS:** 1  
**DRY TIME:**  
At 68° F (4 wet mils)

- **DUST FREE:** 30-35 minutes  
- **MARK-PROOF:** 50-60 minutes  
- **STACKABLE:** 12 hours

## **GENERAL PROPERTIES**

6CR4500Gx0 is a Polyurethane Transparent Converter that can be tinted with 6FBU polyurethane tint paste which will allow you to obtain a full hiding pigmented topcoat.

Pastel colors will require a higher amount of colorant which could reach as high as 30%.  
Dark colors will require a lower amount of colorant around 25 to 30%.  
For black colors the required colorant is usually around 10%.

6FBUXX colorants will raise the final sheen by 10 points, so to get 30 sheen use the 20 sheen converter 6CR4500GXX (70%) and add 6FBUXX (30%).

The pigmented versions of this converter have great levelling properties, good depth of image and hiding power. This coating is suitable to be applied by traditional spray gun, airless or Airmix, preferably over a polyester basecoat after it has been properly sanded.

For further information, please refer to our technical representatives.

**SHELF LIFE:** 12 months  
Data refers to product stored in original, sealed packing.

**STORAGE:** Keep in a cool, well ventilated place; temperature should not exceed 77° - 82.4° F.

### **Companion Products:**

6FPP230TIX White PU Primer  
6FPU49 Neutral Clear PU Sealer  
6FPP204 Black PU Primer  
6PCV2029EST Clear Polyester Sealer  
6PCV2090EST White Polyester Primer

**Company Information:** SIRCA S.p.A. has a quality system certified by DNV GL ISO 9001



The information supplied are correct to the best of our knowledge. However, as the coating process depends on many variables and the present application takes place without our supervision, we cannot assume any responsibility for the final result. Sirca guarantees that chemical and physical characteristics of the products are within the reported range. Due to the large variety of substrates and application devices, the purchaser/user should test our products in his own application conditions and safety and environment circumstances. Sirca's technical and sales departments are at customer's disposal for any further information regarding correct application of our products.