



# PROCLEAR CLEAR EPOXY COATING SYSTEM

UV RESISTANT

PRODUCT BULLETIN



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## DESCRIPTION

**ProClear** is a water clear UV and weather resistant epoxy casting, laminating and coating system that will not visibly yellow from UV exposure. This resin system passes 1000 hour accelerated weathering test per ASTM G155 - Cycle 1. ProClear has excellent gloss retention and highly resists any chalking, checking, cracking, blistering or flaking. This system can be brushed, rolled or thin cast up to 1/4". ProClear is cloudy in the container, but when mixed and applied it turns clear. Stir resin and hardener individually before each use as there are chemical additives in both sides that can separate. Then combine resin and hardener and mix together at the proper ratio.

## BENEFITS AND USES

- Impact resistant
- Water clear
- Low viscosity
- Excellent for coating marine wood including interior surfaces
- Can be used in wet/dry conditions

## HANDLING CHARACTERISTICS @ 25°C/77°F

Mix Ratio (parts by weight).....	100R/47H
Mix Ratio (parts by volume) .....	1.71R/1H
Mixed Density .....	1.15 g/cc
.....	9.59 lbs/gallon
Mixed Viscosity .....	647 cps
Work Life (200 gram mass).....	100 minutes
Complete Cure .....	7 days @ 77°F
Mixed Color .....	Water Clear
Shelf Life Resin & Hardener (in original unopened containers).....	2 years

**NOTE:** Stir resin and hardener before each use; chemical additives in this resin and hardener can separate.

## TYPICAL PHYSICAL PROPERTIES @ 25°C/77°F

Tensile Strength .....	5,023 psi
Tensile Modulus .....	324,577 psi
Tensile Elongation.....	2.80%
Flexural Strength.....	9,357 psi
Flexural Modulus .....	253,333 psi
Cured Hardness .....	84-86 Shore D
Impact Strength.....	11.39 in-lbf/in
Moisture Absorption (% weight change/96 hour immersion/distilled water) .....	+1.81%

ProClear Tech / Revised 9/9/10  
Supersedes 12/8/09

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