

**DESCRIPTION:**

ART UH2O repair compound is a product that allows a paintable application on wet and submerged surfaces. This provides a highly versatile formulation designed for use in a wide variety of applications in concrete, steel and wood infrastructure. The flexible nature of the repair material allows for minimal reduction and preparation of the repair area. The repair material does not require a surface primer for adhesion.

**FEATURES & BENEFITS:**

- No need to remove and replace
- Cures under water
- Can be applied under water
- Reduced labor costs
- Reduced equipment costs
- Chemical resistance when cured
- Can be cleaned with up to 13,000 PSI water blasts

**APPLICATION PROPERTIES:**

Coverage Rate at 20 mils (500 microns):	85 sq ft/gallon (2.05 sq meters/liter)
% Solids by Weight:	100%
Specific Gravity:	1.57
Mix Ratio, Parts per Volume	4 parts Resin (A) : 1 part Hardener (B)
Mixed Viscosity:	Paintable/sprayable hybrid epoxy
Working Time:	Dependent on water temperature
Tack Free Time:	Dependent on water temperature
Return to Service:	24 hours

**CURED PHYSICAL PROPERTIES:**

Compressive Strength (psi):	12,000 – 14,000	ASTM D695
Flexural Strength (psi):	13,000 – 13,800	ASTM D790
Tensile Strength (psi):	7,000 – 8,000	ASTM D638
Tensile Elongation (%):	4.5	ASTM D638
HDT:	175°F (80°C)	ASTM D648-264
Bond Strength (psi):	1,860	ASTMC882

**CHEMICAL RESISTANCE:**

	% WEIGHT GAIN (LOSS)	
Xylene	0.0	
Toluene	2.3	
1,1,1 Trichloroethane	0.0	
MEK	2.3	
10% Sulfuric Acid	0.0	
70% Sulfuric Acid	0.2	
10% Hydrochloric Acid	0.1	
50% Sodium Hydroxide	(0.2)	
Skydrol	(0.3)	
Mogas, Diesel	0.0	
JP-4, JP-5, JP-7, JP-8	0.0	