

# A·R·C·HITECTURAL®

## ROOF COATINGS



MADE IN  THE USA

### ● **PRODUCT DATA SHEET**

## OMNI-CLAD

#### ● **DESCRIPTION**

OMNI-CLAD an aliphatic polyurethane coating that is fluid applied and provides seamless waterproofing that can be used over acrylic coatings, epoxy coatings, urethane coatings and other previously coated roof and walking deck surface or can be used over plywood, concrete, steel and other construction materials. (Consult ARC Technical Department for further assistance.)

OMNI-CLAD single component water based sealant, therefore has no noxious fumes and cleans up with soap and water. This unique linear chemistry provides the user a high-performance, flexible, roof traffic wearing resistance and doesn't require a catalyst, therefore no hazardous free isocyanates. Amazingly the water based vehicle cross-links during the evaporation process curing within 24 to 48 hours. Inter-coat adhesion is great therefore multiple applications/coats may be applied depending on customers need.

OMNI-CLAD is formed in a reactor and undergoes Nano-processing. OMNI-CLAD is not reducible by solvents or any oil based products on the market. Due to the reactor process all hazardous aliphatic isocyanates are polymerized into a safe pre-polymer, eliminating all free isocyanates. A proprietary product.

OMNI-CLAD provides outstanding durability and toughness for walls, floors, tanks, equipment, food processing plants, boats, bridges, roofs and buildings. OMNI-CLAD is safe and easy to use. Anywhere a high-performance coating system or finished paint is required; OMNI-CLAD will meet the need.

OMNI-CLAD May be used with polyester reinforcement fabric and other approved ARC products.

OMNI-CLAD comes clear or white (Special color available but may be an extra cost)

#### ● **APPLICATION**

When using spray method ARC recommends 3,000 psi high pressure sprayer at 2.5 gallon p/m or better. ARC recommends when using a roll method of application a 3/8" to 1/2" nap accompanied with a 2 to 6 inch brush for details as needed. When embedding polyester reinforcement use rate is 2 gallon per 100 square feet. When just coating; use rate can vary 1 to 2 gallon per 100 square feet. OMNI-CLAD may be used as a base coat, inter-mediate coat and a finish coat. There is a recommended primer before using OMNI-CLAD; over concrete ARC recommends DynaSHIELD®HP Primer.

#### ● **TECHNICAL DATA**

Tensile Strength:	2000 PSI ASTM D-412
Elongation:	800% ASTM D-412
Flexibility:	Passes 1/2" bend @ 20oF ASTM D-412
Shore A Hardness:	80 ASTM D-2240
Permeability:	.016 Perms/in. ASTM D-496
VOC:	Less than 50 grams/liter
Adhesion:	15 lbs./in. TT-S-230
High Temperature Resistance:	180°F Heat Chamber
Weatherometer:	No Effect QUV - 2000 hrs.
Chemical Resistance:	Salt Spray - Good
Cure Time:	2 - 4 hours @ 72°F 50%
Fire Rating:	Class "A" in Assembly
Percent Solids:	36% ASTM 2697
Viscosity:	200 - 600 cps. Brookfield

#### ● **OUTSTANDING FEATURES**

Meets or exceeds all EPA, VOC health and safety standards  
Single -Component Formula  
Self-Crosslinking  
Rapid Hardness Development  
UV Resistant, Non-Yellowing  
Abrasion Resistant  
Chemical Resistant  
Impact Resistant  
Excellent Flexibility  
High-Solids Formula  
No Unpleasant Odor

**CONSULT ARC TECHNICAL DEPARTMENT FOR  
ANSWERS TO ANY QUESTIONS REGARDING  
USE OF THIS PRODUCT**

System warranty available. When sold separate from system there is no warranty given, expressed or implied, through the values or statements made here, 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 our in house and independent third party labs in order to obtain approval and/or classification. Acceptance, purchase and selection of these products are the sole responsibility of the buyer, buyer's agent, or the buyer's customer. ARC assumes no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER GUARANTY OR WARRANTY OF ANY KIND IS MADE BY ACE ROOF COATINGS, INC. OR ITS SUBSIDIARIES, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING COSMETIC APPEARANCE, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.