

A·R·C·HITECTURAL

ROOF COATINGS

• **PRODUCT DATA SHEET**

HydroSHIELD CLAY EMULSION

• **DESCRIPTION**

HydroSHIELD Clay Emulsion is a coating for built-up mineral-surfaced, metal, concrete roof surfaces. Use it with polyester roofing systems. HydroSHIELD Clay Emulsion is odorless and non-flammable.

• **RECOMMENDED USES**

HydroSHIELD Clay Emulsion is used to build up low areas over embedded aggregate roofs and to adhere polyester over an existing roof to reinforce and seal-in the old roofing system. It works as a primer and as a glue to adhere polyester, but will not soak through the polyester.

• **APPLICATION**

Use 4-8 gallons per 100 square feet depending on the type of surface being covered. This product may be applied with a sprayer, broom or squeegee at a temperature of 50 degrees or greater. HydroSHIELD Clay Emulsion must be applied below and above the polyester ply. Use a soft bristle broom to ensure thorough polyester saturation. Allow 1 day to dry for each gallon of product applied per 100 square feet in temperatures above 75 degrees. Allow more time if cooler. A stain blocker should be used at 1.50 gallons per 100 square feet and allowed to dry and cure before applying any white or aluminum finish coatings.

• **BENEFITS**

Low-Cost System	Non-Flammable
Odorless	Damp Proofs
Water-based	A Good Primer
Easy Clean-Up	Stops Rust

• **TECHNICAL DATA**

PERMEABILITY:	Less than 10 perms ASTM D-1653
SOLIDS:	Weight 50-55% +/- 1-2% ASTM D-1644
SOLIDS:	Volume 42-47% +/- 1-2% ASTM D-2697
WEIGHT:	8.4 to 8.9 lbs. per gallon ASTM D-2828
VISCOSITY:	8000-15000 cps. ASTM D-2196
ABRASION:	Passed ASTM D-986
HARDNESS:	50 Shore A ASTM D-2240
STORAGE:	1 year unopened at 50° F - 100° F
DRY TIME:	3 hours @ 75°F at a thickness of 32 wet mils
FULL CURE:	28 days
CLEAN-UP:	Biodegradable Citrus Cleaning Products
ADHESION:	Pass ASTM D-3359
FLASH POINT:	Greater than 212° F
VOC:	50 grams per liter
COLOR:	Wet; Brown Dry; Black
CLEAN UP:	Biodegradable Citrus Cleaning Products or soap and water

DO NOT ALLOW THIS PRODUCT TO FREEZE

CAUTION: High Humidity requires a longer time for water-based coatings to form a film that is rain resistant.

- Avoid breathing fumes and prolonged contact with skin. Do not ingest. Keep containers covered when not in use. When using, provide proper ventilation. Dispose of product and container in accordance with local disposal codes.

DISTRIBUTED BY:

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 ROOF COATINGS, INC. OR ITS SUBSIDIARIES, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.