

Sealers

AA-6 / AA-7

Sealers AA-6 and AA-7 are water-based acrylic coatings specifically designed for use on DESIGN-CAST® surfaces. They have low viscosities and thus give good surface penetration. The only difference between the two sealers is that AA-6 dries to a matte finish, while AA-7 dries glossy. Either sealer can also be used as a patina vehicle for a variety of weather-stable pigments.

DESIGN-CAST®

Man-Made Stone for Art and ArchitectureSM

P.O. Box 55093
Trenton, NJ 08638
609 896-1624
609-895-1228 (fax)
info@design-cast.com
www.design-cast.com

SEALER CHARACTERISTICS

- Weather-resistant, hard, clear, water-white, and non-yellowing.
- Resist water, oils, grease, gasoline, and alcohols.
- Resist salt spray and acidic air pollutants.
- Dried coating can be removed if necessary, using acetone, MEK, or lacquer thinner as a solvent.

DIRECTIONS FOR USE AS A CLEAR SEALER

Please note: The sealers (particularly AA-6) tend to settle on standing. Shake or stir sealer before and frequently during use.

First make sure that the DESIGN-CAST surface has been properly cured, i.e. kept damp for at least 24 hours after casting or application. It does not have to be completely dry before applying the water based sealer.

To assure proper adhesion, you must remove any oil, grease, waxy materials, or any residue of mold release. To clean off any residues, sand or grind the surface if permissible, or else wipe down with a solvent such as mineral spirits or turpentine, or with a detergent solution. If using a solvent, wait until the solvent has completely dried before applying sealer. If using a detergent, rinse off any detergent residue with clean water before applying sealer.

Have the temperature of the DESIGN-CAST surface at 45°F (8°C) or warmer during application, and

for at least 6 hours after application. Apply sealer in two or more thin coats by spray or by brush, waiting an hour or so between each coat. Although usually not necessary, you may thin the sealer with a small amount of water.

Use water to clean up or wash the sealer off brushes, spray equipment, or other tools. After the sealer has dried, you can remove it from unwanted areas with acetone.

CAUTION: *Acetone will attack most painted surfaces, and many plastics.*

The sealer will dry to the touch in one to two hours, and will then take a few days to develop its full hardness and water resistance.

DIRECTIONS FOR USE AS A PATINA VEHICLE

You can use either Sealer AA-6 or AA-7 as a patina vehicle by mixing with dry pigments, universal colorants, or certain artist's colors such as Liquitex®.

Suitable Dry Pigment Types

- Iron oxides: reds, yellows, browns, blacks, earth-tones, and terra cottas
- Cadmium sulfides and selenides: brilliant reds, oranges, and yellows
- Chromium greens
- Titanium oxide white
- Colored oxides used in ceramic glazes.
- Certain metallic powders or flakes: bronze, copper, and stainless steel.

Recommended Procedure

- 1 Clean and prepare the DESIGN-CAST surface as described above.
- 2 Apply the pigmented sealer by brushing, spraying, or wiping with a cloth, so as to obtain the desired effect.
- 3 Allow the pigmented sealer coat to dry to the touch - typically an hour.
- 4 Spray or brush on a final protective coat of clear, unpigmented sealer.
- 5 Allow patina to dry several days to develop full hardness.

Disclaimer and Warranty Limitations

The Manufacturer considers the information in this bulletin to be accurate. However, this information is to be taken as suggestions, not guarantees.

Since the use of the materials is beyond the control of the Manufacturer, no warranty is expressed or implied regarding the results to be obtained by the Purchaser, or that such use will not infringe any patent.

The Manufacturer's or Seller's only obligation shall be to replace or pay for, at the Manufacturer's or Seller's discretion, material proven to be defective. Beyond the purchase price, neither Manufacturer nor Seller assumes any liability for damages of any kind, neither direct nor consequential, and the Purchaser accepts all risk and liability whatsoever in connection with any intended use for the material.