

## SYSTEM DESCRIPTION

Tough-Seal 25 is a clear, solvent-based acrylic coating system designed for sealing conventional concrete, exposed aggregate, porous tile, concrete pavers and a variety of architectural concrete surfaces. Acryseal is based on a hard acrylic polymer that produces coatings with good gloss, stain-resistance and cleanability. Adhesion to properly prepared cementitious surfaces is excellent, and it's completely non-yellowing.

## USES

- Conventional concrete
- Exposed aggregate
- Decorative or architectural concrete
- Porous tile and concrete pavers

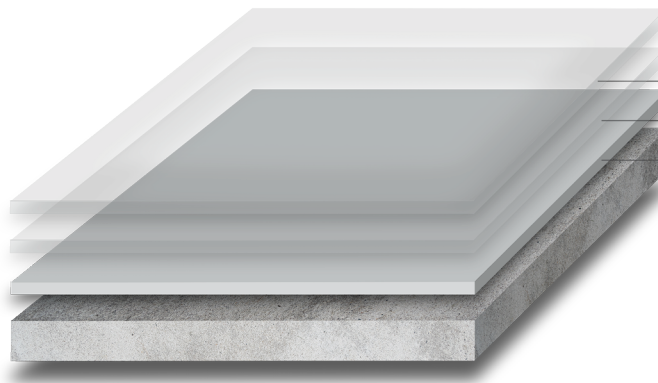
## ADVANTAGES

- Cost-effective protection
- Easy installation
- Enhances concrete color
- Non-yellowing finish

## TYPICAL SYSTEM BUILD

COAT	PRODUCT	THICKNESS/COVERAGE
<b>Patching, Filling, Moisture Vapor</b>	APF Epoxy 300 Flex Paste, APF VaporSolve System	As required
<b>Primer</b>	APF Acryseal VOC	200-400 sqft/gallon (4-8 mils WFT)
<b>Topcoat</b>	APF Acryseal VOC	200-400 sqft/gallon (4-8 mils WFT)*

\*Topcoat coverage determines final texture.



- TopCoat: Acryseal VOC
- Primer: Acryseal VOC
- Patching, Filling, Moisture Vapor: Epoxy 300 Flex Paste, APF VaporSolve System

**Note:** Diagram not to scale

## TECHNICAL DATA

Tukon Hardness	16
Gloss (60 degrees, 4 mil dry film)	75
Adhesion to Concrete (ASTM D-4541)	Concrete fails before loss of bond

Refer to product data sheet of individual system component for more information.

## COLORS

GS Tough-Seal 25 is available in clear, in satin or gloss finish.

## APPLICATION INSTRUCTIONS

### 1.0 Concrete Moisture

It is the applicators responsibility to test for concrete moisture in accordance with ASTM F2170-19. If moisture is indicated to be in excess of 85%, apply APF VaporSolve system in accordance with the published system data sheet. Consult APF Technical Service for further information.

### 2.0 Surface Preparation

Concrete must be cured for at least 30 days be clean, structurally sound, and free of wax, loose coatings or curing compounds. Concrete should be properly prepared to achieve a surface Minimum Texture of ICRI/CSP 2-3. Refer to ICRI technical guidelines 310-330 Selecting and specifying concrete surface preparation for sealer, coatings, polymer overlays, and concrete repair. Vacuum the prepared concrete surface to remove all dust. Acid etching is not recommended and will void manufacturers' warranty.

### 3.0 Crack Repair

Use Epoxy 300 Flex Paste immediately after mixing. Spread the product using a flat trowel, margin tool, or broad putty/plaster knife. Gunning is not recommended for this material. Apply it to completely fill the joint. If the product settles below the concrete surface, add more material. The cured product must be level with the concrete surface. Allow it to cure before applying the final coat.

### 4.0 Application of Primer Coat

APF Acryseal VOC may be applied by brush, roller, or floor squeegee. If rolling the material, use a quality solvent-resistant 3/8" nap roller cover and work from a roller pan or 5-gallon pail. Do not pour the material on the surface. Because the material dries quickly, apply liberal amounts, work in small areas, and maintain a wet edge. Distribute the material evenly by slightly overlapping the area previously coated. Acryseal VOC should be applied at a rate of 200-400 sqft/gallon (4-8 mils WFT).

### 5.0 Application of Topcoat

APF Acryseal VOC may be recoated with itself as soon as the material is tack free, usually 20-40 minutes. Recoating after the material is fully cured requires the surface to be clear and dry. When recoating fully cured Acryseal, APF Acryseal VOC can be thinned up to 100% with acetone for improved adhesion.

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### LIMITATIONS

- Before applying, measure and ensure that the ambient temperature is at least 5°F above the dew point.
- High humidity/low temperature will prolong cure time.
- Use of kerosene or propane forced air heating equipment during application may cause discoloration and finish defects.

### HANDLING & SAFETY

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin; wear protective gloves. User must read and understand Safety Data Sheet before using. APF Safety Data Sheets are available at [www.apfepoxy.com](http://www.apfepoxy.com).

APF\_GS\_Tough-Seal\_25\_System\_Data\_11.10.25

### STANDARD WARRANTY STATEMENT

ICP Construction, Inc. ("we" "us" or "our"), manufacturer of Arizona Polymer Flooring, warrants that the product is produced within specifications and is free from defects in material only. No warranty shall be in effect until our Terms and Conditions of Sales (<https://www.icpgroup.com/wp-content/uploads/ICP-Group-Terms-and-Conditions-of-Sale.pdf>) are met, including payment and cooperative promotional considerations. We warrant that the covered product is free of defects in material only and suitable for the specified purpose for a period of one (1) year from the date of shipment, provided the product is (a) installed within its published shelf life, in strict conformance with specifications, and (b) handled, stored, mixed, and applied in accordance with our written instructions. It is your responsibility to initiate any claim against this warranty within the time frame specified below. If we determine that the product meets the requirements of this warranty, then we will, at our sole discretion, either refund the purchase price of the product or provide replacement product, in each case not to exceed the affected area as determined by our authorized technical representative. To obtain replacement or refund you must (a) provide timely written notice to us specifying in detail the non-conformity suspected (no later than five (5) working days after discovery), and (b) provide proof of purchase. We reserve the right to inspect the product prior to replacement. EXCEPT FOR THE EXPRESS WARRANTY ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. IN NO EVENT SHALL WE OR OUR AFFILIATES BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY NATURE, REGARDLESS OF THE FORM OF ACTION OR THEORY OF LAW, INCLUDING, WITHOUT LIMITATION, BREACH OF ANY OBLIGATION OR WARRANTY IMPOSED ON US HEREUNDER OR IN CONNECTION HERewith, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES IN ADVANCE AND EVEN IF A REMEDY SET FORTH HEREIN IS FOUND TO HAVE FAILED OF ITS ESSENTIAL PURPOSE. "CONSEQUENTIAL DAMAGES" SHALL INCLUDE, WITHOUT LIMITATION, LOSS OF USE, INCOME, OR PROFIT, OR LOSSES SUSTAINED AS THE RESULT OF INJURY TO ANY PERSON, OR LOSS OF OR DAMAGE TO ANY PROPERTY (INCLUDING, WITHOUT LIMITATION, PROPERTY HANDLED OR PROCESSED THROUGH THE USE OF THE PRODUCTS), DAMAGES OR LOSSES RESULTING FROM CLAIMS OF OTHER PERSONS AGAINST YOU, OR DAMAGES OR LOSSES SUSTAINED AS THE RESULT OF WORK STOPPAGE, OR REMOVAL AND REPLACEMENT COSTS AND COSTS OF LABOR. IN NO EVENT SHALL OUR LIABILITY ARISING IN CONNECTION WITH OR UNDER THIS WARRANTY (REGARDLESS OF THE FORM OF ACTION OR THEORY OF LAW) EXCEED THE AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT ONLY. THIS LIMITED WARRANTY PROVIDES YOUR EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT. If you do not agree with these terms, you may return the product within thirty (30) days of purchase for a full refund, provided the product is not opened, altered, or adulterated in any manner, less any shipping and handling charges of any sort. Use of the product, or retention of the product beyond thirty (30) days, constitutes your acceptance of this limited and exclusive warranty. No customer, distributor, or representative of ours is authorized to change or modify the published data sheets or this warranty in any way. No one is authorized to make oral warranties on behalf of us.