



ARMOR-REZ GS POLY-STAIN CONCRETE SEALING SYSTEM

SYSTEM DATA SHEET

PRODUCT DESCRIPTION

ARMOR-REZ GS BASIC system is comprised of APF EPOXY 100 water based epoxy product as a primer, and APF POLYURETHANE 501 as a topcoat providing a low odor, easy to install high performance sealer system for installation over ground concrete.

USES

ARMOR-REZ GS BASIC system is a general purpose sealing system for ground and polished concrete floors. ARMOR-REZ GS is recommended for coating warehouse and factory floors, coating automotive repair facilities, residential garage floors, and many other high traffic commercial and industrial maintenance applications.

ADVANTAGES

- Low Odor
- Easy to use

SURFACE PREPARATION

Concrete must be cured for at least 28 days and be clean, structurally sound, and free of wax, loose paint or curing compounds. Surface may be damp, but standing water should be removed. Concrete should be diamond ground to achieve a uniform smooth finish. Acid etching is not recommended and will void Manufacturer's warranty. Carefully follow the guidelines listed in the Arizona Polymer Flooring published application instructions available at www.apfepoxy.com. Vacuum prepared concrete surface to remove all dust.

MOISTURE VAPOR CONDITIONS

All interior concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the responsibility of the applicator to perform appropriate moisture testing before application. Relative humidity tests for concrete substrate should be conducted per ASTM F2170, values must be $\leq 85\%$. If values are $> 85\%$ according to ASTM F2170, APF moisture remediation products should be utilized. Consult your APF sales professional for more information.

PACKAGING

APF EPOXY 100 Complete A+B Mixed Volume Units

1.25 Gallon (4.73 L)

5.0 Gallon (18.9 L)

15-20% water must be added to achieve a low application viscosity.

A typical mixing ratio is 4A:1B:1 water, by volume.

APF POLYURETHANE 501 Complete A+B Mixed Volume Units

1.5 Gallon (5.7 L)

15 Gallon (56.8 L)

TECHNICAL DATA

Refer to individual component APF EPOXY 100 & APF POLYURETHANE 501 product data sheets for physical properties and VOC information.

MIXING

Mix only that amount of material that can be used in a 2 - 3 hour period. In very hot weather it is advisable to mix smaller batches to ensure good flow and workability. Because color change can occur as mixed material advances into its pot life, when used as a pigmented finish coat, mix only that amount of material than can be used within 1 hour. Follow mixing and application instruction for each system component.

Add component B to component A and mix with medium speed drill mixer for three [3] minutes. Distribute material immediately after complete mixing.

APPLICATION

Primer Coat: APF EPOXY 100 is typically applied 200 - 350 sq. ft. per gallon by brush, roller or airless spray. APF EPOXY 100 should normally be re-coated after an overnight cure period. However, if conditions are very cool and/or damp, 48 hours cure time should be allowed before re-coating. If the product cures longer than 72 hours, the surface should be lightly sanded before re-coating.

Finish Coat: APF Polyurethane 501 is applied at 250-350 sq. ft. per gallon by brush, roller or airless sprayer. Do not allow to puddle or accumulate in joint areas. Applications heavier than 200 sq. ft. per gallon will create bubbles in the cured coating.

LIMITATIONS

- Exterior applications will exhibit chalking, discoloration and fading
- Exterior applications of clear product are not recommended
- Will discolor over time when exposed to sunlight (UV) and/or under certain artificial lighting conditions
- Do not apply in excess of recommended application thickness. Uneven curing may result
- Not recommended for application over acid based concrete stains.

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





ARMOR-REZ GS CONCRETE SEALING SYSTEMS

SYSTEM DATA SHEET

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Standard Warranty

ICP BUILDING SOLUTIONS GROUP, the owner of Arizona Polymer Flooring, warrants that the product is produced within specifications and is free from defect. No warranty shall be in effect until ICP Building Solutions Group Terms and Conditions of Sales are met, including payment and cooperative promotional considerations. ICP Building Solutions Group warrants that the covered product is free of defect and suitable for the specified purpose for a period of one (1) year from the date of shipment, provided the product is installed within its published shelf life, in strict conformance with specifications, and/or written project-specific installation guidance from authorized representation. ICP Building Solutions Group warrants only when product is handled, stored, mixed and applied in accordance with published recommendations. It is purchaser responsibility to initiate any claim against this warranty within a reasonable time. If determined by ICP that the product does not meet this warranty, the liability of ICP Building Solutions Group shall be limited to refund of the purchase price or provision of replacement product, neither needing to exceed the affected area as determined by a person authorized to perform technical representation for ICP Building Solutions Group. To obtain a replacement or refund the customer must provide written notice containing full details of the non-conformity suspected. The purchaser, owner or their representative shall notify ICP Building Solutions Group, in writing, within five (5) working days concerning any potential defect, or as needed before conditions deteriorate and increase repair costs. ICP Building Solutions Group reserves the right to inspect the non-conforming material prior to replacement. ICP Building Solutions Group may in its discretion refund the purchase price received by ICP Building Solutions Group in lieu of replacing the material. Except for the expressed warranty stated above, there are no other warranties, expressed or implied, including without limitation, any implied warranty of merchantability or fitness for purpose. ICP Building Solutions Group's obligation shall not extend beyond the obligations expressly undertaken above and ICP Building Solutions Group shall have no liability or responsibility to purchaser or any third party for any loss, cost, expense, damage or liability, whether direct or indirect, or for incidental or consequential damages. No customer, distributor, or representative of ICP Building Solutions Group 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 ICP Building Solutions Group. ICP Building Solutions Group does not warrant or guarantee the workmanship performed by any person or firm installing its products/systems..

