



TECHNICAL DATA SHEET
Product Name: Designer 1K™

Product Description:

Designer 1K is one of our base supporting resin systems used for 1K commercial decorative coatings. These designer 1K and 2K resin systems represent the decorative exotic pigments and stylish arrays of texture coatings respectively. This 1K matrix system is engineered for mainly interior applications where physical requirements do not demand high degrees of weathering and/or physical wear. Both matrix systems host the same texturizing aggregates and exotic pigments. Refer to the [Decorative Impressions page](#) for pictures and examples of designer’s look and feel selections. These commercial decorative coatings are normally used by designers who want an array of color textures to use on all building surfaces such as entrance walls, columns, planter embankment walls, architectural moldings, statues, cast concrete objects, swimming pool decks, ceilings, floors, walkways, basically everywhere on anything. The list of Decorative Impression continually grows to accommodate new looks and feel. Some examples are small-sized aggregate decorative acrylic chips, colored sands, colored glass, exotic paint chips, rubber chips, glass beads, reflective micas, crushed stones, walnut shells, crushed sea shells and so on. The exotic designer pigments are such like Merlin bronze, pewter, Aztec gold, silver, brass, specular, pearl, splatter and just about any other decorative idea that can be contained in a resin matrix. ClearCoat systems are sometimes applied depending on the depth of look desired.

- 1K matrixes easier to use, quick dry, good durability and abrasion resistance.
- Excellent gloss retention, resiliency and adhesion.

Material Property Values and Application Requirements Table

Property	*Values relative to density	Test Method
Tensile Strength	7600 psi	ASTM D412
Flex Modulus	350k psi	ASTM D790
Abrasion Resistance	50 mg loss /1000 cycles	ASTM D4060 (CS-17)
Heat Deflection Temp.	150 F (63°C)	ASTM D648
Hardness Shore D	65-75	ASTM D785
Elongation	15 -25%	ASTM D412
Salt Spray	1000 h+, no damage	ASTM D714
Application: Aggregate wet hopper spray gun system for most in content textures, hand or dry hopper for material broadcast into wet matrix, hand set stones and crushed materials. Pressure pot, HVLP, roller or brush for most pigmented coatings. Texture Spray Coverage 50 sqft./mixed gal.		
Drying time is 15-30 minutes depending on ambient conditions, Power mix stir B-Side slowly until uniform color and viscosity prior to use. No Pot life concerns. Storage shelf life 1 yr, not opened.		
Surface Preparation: clean, dry, no residual cleaner or other contaminates, approved surface type, installation ambient temp. 46F(8°C)- 104F(40°C), <60% ambient humidity, surface temp. 46F(8°C)- 90F(32°C). KEEP FROM FREEZING, moisture-free temperature controlled storage 12°C- 32°C, 12		

Please contact our Engineering and/or Technical Support Groups with any questions.

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