

# ENDURABLE F1 SEALER

## Technical Data Sheet

1. GLOSS FINISH
2. DRIES QUICKLY AND EASY TO APPLY
3. LOW VOC CONTENT AND LOW ODOR
4. EXCELLENT UV STABILITY
5. SAFE FOR COUNTERTOPS
6. GOOD HARDNESS AND DURABILITY
7. SPRAY, ROLL, OR MICRO-FIBER
8. MAY BE USED AS A CURE & SEAL

Scale of performance 10=excellent 0=very poor	Endurable F1 Sealer 1 hour performance	Competitive Sealer # 1 1 hour performance	Competitive Sealer # 2 1 hour performance	Endurable F1 Sealer 24 hour performance	Competitive Sealer # 1 24 hour performance	Competitive Sealer # 2 24 hour performance
<i>Water</i>	10	7	10	8	1	4
<i>Water blush</i>	10	8	9	9	2	3
<i>Vinegar</i>	10	6	7	9	0	0
<i>Bleach</i>	9	5	7	6	1	2
<i>Lemon Juice</i>	10	9	9	9	4	6
<i>Mustard</i>	10	6	8	9	1	2
<i>Olive Oil</i>	10	5	8	9	0	2
<i>Cola</i>	10	7	6	9	1	1
<i>Muriatic Acid</i>	10	3	0	9	0	0

***Application instructions: Mix 1 to 1 with water. Use a mixing drill and paddle or a paint stir stick.***

Endurable F1 Sealer may be applied via pump sprayer with a conical tip that sprays at .05 to .15 gpm at 40 psi, airless sprayer, micro-fiber applicator, or roller. When applying over stain, it is recommended to spray the first coat to avoid movement of color residue. Coverage rates are typically between 300 and 500 square feet per gallon per coat on broom finished or textured concrete. Smooth surfaces will yield coverage rate of 500-2000 square feet per gallon. DO NOT OVER-APPLY. This product should be applied thinly and evenly. The best way to insure that the product is not applied to heavily to smooth surface concrete is to use a micro-fiber mop or a weighted T-Bar. Subsequent coats or low porosity surfaces will yield high coverage rates. Before application of sealer, make sure surface is free from dirt, oils, etc. Two coats are usually sufficient, but applicator must determine the specific need.

Sealer should be applied between 40 and 90 degrees Fahrenheit. After applying the first coat, wait until the sealer is dry to the touch, usually 15 to 30 minutes, depending on temperature and air flow, and then subsequent coats may be applied. Subsequent coats typically take 20 to 40 minutes depending on temperature and air flow. After application, tools may be cleaned using soap and water. Light traffic is possible after 2 hours and heavy traffic is possible after 8 hours. The sealer will gain strength over the next few days after application and will reach full cure after 5-7 days. Avoid subjecting the sealer to freezing temperatures or moisture for 12-36 hours after application. Make sure substrate is dry before application. Endurable Concrete Stain may penetrate Endurable F1 Sealer when mixed in acetone.

**KEEP FROM FREEZING**

**Availability:** Endurable F1 Sealer is available in 1 gallon and 2 gallon concentrates through retail distributors.

**Shelf life and Limitations:** Kept from freezing and excessively hot conditions, the shelf life is a minimum of 1 year in original containers.

**Warnings:** Use with proper ventilation. May cause eye and skin irritation. If you experience headaches, dizziness, or watery eyes, you may wear a NIOSH TC-84 respirator during application.

**Warranty:** Evaluate whether this product is suitable for your intended application. Conditions of product use are outside of our control and vary widely, the following is made in lieu of all express or implied warranties of merchantability. Our only obligation and your only remedy is replacement of product, at the option of HDIP INC. In no case will HDIP INC be liable for any direct, indirect, special, incidental, or consequential damages including lost profits, goodwill, or business opportunity.