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TD.483 – TECHNICAL DATA: SA-RM – SPARTIC-ALL™ RM

Product Name: SA-RM – SPARTIC-ALL[™] RM

Product Class: A fast curing, clear floor coating for interior residential, commercial and industrial use.

DESCIPTION: Elite Crete Systems product SA-RM – SPARTIC-ALL[™] RM is an extremely high solids, water clear, non-shrink, two-component polyaspartic ester floor coating.

Use Applications:

- On dry concrete surfaces and concrete overlays without moisture present.
- Concrete surfaces for foot traffic and vehicular pneumatic tires.
- As a clear protective coating for interior flooring, architectural finishes and decorative overlays, etc.
- As a clear finish for pigments industrial coatings, etc.
- As a pigmented protective finish for garage floors, warehouses, medical facilities, etc.

Key Features:

- High-Gloss
- Nearly No Odor
- VOC compliant
- Non-Shrink Coating
- Semi-Self Leveling
- Fast Cure Rate
- Excellent Strength Properties
- Excellent Impact Resistant
- Easy to Place
- Used as Neat, Slurry, or Broadcast System

Product Properties:

(Material and Curing Conditions at 73°F unless noted, 50% R.H.)

- Color Clear or Clear Base (can be pigmented)
- Viscosity 300 700 cps.
- Potlife 10 to 15 minutes
- Consistency Semi Self-Leveling
- Mix Ratio 70% Part B and 30% Part A
- Brookfield Viscosity, mPa·s,

ASTM D-2196, 22°C	1500 cps @ 23°C
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•	Gardner Circular Dry Times Condition - 72°F, 54% R.H	Surface Dry Hard Dry Mar Free	2.0 - 3.0 hours 3.0 - 4.0 hours 5.0 - 8.0 hours
•	Gloss, ASTM D-523	60°	90 +
٠	Impact, in. lbs, ASTM D-2794		
		Direct	60
		Reverse	10

Taber Abrasion, ASTM D-4060
 1000 g load, 1000 cycles, CS-17 wheel - 95.6 mg. loss

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the applications they intend to use our products for. Nothing herein shall constitute any warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose, nor is any protection from any law or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in o event shall we be liable for incidental or consequential damages.



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- MEK Double Rubs, TM-2 Method #9 50 Double Rubs - softened
- Pendulum Hardness 180 sec.
- Tensile Properties (ASTM D 638) 7 Days Tensile Strength – 7,100 psi Elongation at Break – 9.2%
- Flexural Properties (ASTM D 790) 7 Days Flexural Strength - 11,100 psi

 Slant Shear Strength - (ASTM C 882) - 7 Days Test Temperature Value Mode of Failure 90⁰F 6,200 psi 100% Concrete Failure 40⁰F * 5,300 psi 100% Concrete Failure

- Compressive Strength (ASTM D 695) 73⁰F 8 hour 7,300 psi 1 day 11,200 psi 7 days 14,100 psi
- Bond Strength (Mild Steel to Mild Steel) 900 psi
- Hardness, Shore D (ASTM D 2240)
 7 Days 86
- Water Absorption (D 570) 7 Days - 0.33%

Available Packaging:

- 1 gal. kits.
- 3 gal. kits.
- 5 gal. kits.
- 15 gal. kits.

Suggested Storage:

- Store in a cool place
- Shelf Life 1 year in original unopened containers

Read Product Information Sheet and Material Safety Data Sheet before use to fully understand application methods and safety precautions.