

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

Revised: 3/15/21 Version: 1.1

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

**Description:** SPARTIC-ALL™ RM is a high solid, water clear, non-shrink, two-component polyaspartic ester floor coating. Used for a multitude of applications listed below. Exhibits a higher abrasion resistance and stain resistance as compared to most epoxy coatings. SPARTIC-ALL™ RM is UV resistant and has long-term durability to constant traffic.

**Use Applications:**

- On dry concrete surfaces and concrete overlays without moisture present.
- Concrete surfaces for foot traffic and vehicular tires.
- As a clear protective coating for interior flooring.
- As a clear finish for flake or quartz broadcast finishes.
- As a protective finish for: garage floors, warehouses, medical facilities, commercial floors, etc.

**Key Features:**

- High gloss,
- Low odor
- VOC compliant
- Non-shrink coating
- Fast cure rate
- Used as neat, slurry, or broadcast system

**Product Properties:** Material and curing conditions at 73° F / 23° C unless noted, 50% R.H.

- Color: Clear or clear base (can be pigmented)
- Viscosity @ 77° F / 25° C, 50% R.H.
  - 300 – 700 cps.
- Pot life: 10 to 15 minutes
- Consistency: Semi self-leveling
- Mix Ratio: 2 Parts B to 1 Part A by volume

<b>Physical Properties</b>		
(@77° F / 25° C, 50% R.H. 7-day ambient cure)		
Tensile strength, 7 days	ASTM D638	7,100 psi
Elongation at break		9.2%
Flexural strength, 7 days	ASTM D790	11,100 psi
Compressive strength, 73° F / 23° C	ASTM D695	
8 hours		7,300 psi
1 day		11,200 psi
7 days		14,100 psi
Hardness, Shore D, 7 days	ASTM D2240	93
Pendulum hardness		180 sec.
Bond strength		900 psi
Water absorption, 7 days	ASTM D570	0.33%
Taber abrasion	ASTM D4060	
1,000 g load, 1,000 cycles, CS-17 wheel		9.5 mg loss
Impact, in/lbs.	ASTM D2794	
Direct		60 in/lbs.
Reverse		10 in/lbs.
Gloss	ASTM D523	90+
Brookfield viscosity	ASTM D2196	1,500 cps
Slant shear strength, 7 days	ASTM C882	
90° F / 32° C		6,200 psi, 100% concrete failure
40° F / 4° C		5,300 psi, 100% concrete failure

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

**Available packaging:**

- 1.5 gal, 3 gal, and 15 gal kits

**Suggested Storage:**

- Store in a temperature and weather-controlled area between 65° F / 18° C and 85° F / 29° C.
- Do not allow to freeze.
- Shelf Life: 1 year in original unopened containers.