

### PRODUCT DESCRIPTION

Stondri MVT is a two component, high-solids, epoxy system designed to suppress excess moisture in concrete prior to an overlayment.

### USES

Stondri MVT is designed for use under all Stonhard products where issues caused by moisture vapor are a concern. Stondri MVT is also formulated to be suitable in "green" concrete applications.

### PACKAGING

Stondri MVT is packaged in units for easy handling. Each unit consists of:

Stondri MVT

- 1 carton containing:
- 4 bags of Amine
- 4 bags of Resin

Stondri Patch Kit

- 0.1 carton containing:
- bag of Amine
- bucket of Resin

### COVERAGE

One unit of Stondri MVT will cover approximately 27 m<sup>2</sup> over a relatively smooth substrate at 381-406 micron. **THE PRODUCT MUST BE INSTALLED AT A MINIMUM THICKNESS OF 381 MICRON!** Failure to do so will limit the product's performance.

### STORAGE CONDITIONS

Store all components of Stondri MVT between 16 to 30°C in a dry area. Avoid excessive heat and do not freeze. The shelf life is 3 years in the original, unopened container.

### SUBSTRATE

Stondri MVT is suitable for applications over concrete only. All other overlayments or coatings must be removed by mechanical means to expose concrete surfaces.

### SUBSTRATE PREPARATION

Proper preparation is critical to ensure an adequate bond and system performance. The substrate must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

**Note:** Any large cracks and voids must be pretreated with the Stondri patch kit.

### MIXING

Note: Do not start mixing until the substrate is properly prepared and dry with the temperature of both the substrate and the material at least 16°C.

For Stondri MVT, empty the contents of the amine and resin into a clean pail and mix with a slow-speed drill and a jiffler mixer for 90 seconds.

### POT LIFE

After mixing, Stondri MVT has a working time of approximately 15 minutes at 25°C. The working time may vary depending upon ambient and surface conditions.

### APPLYING

Stondri MVT is applied using a 381 micron notched rubber squeegee. Pour a bead of Stondri MVT out onto the substrate and, utilizing a 381 micron notched squeegee with heavy pressure, apply the material at a MINIMUM of 381 micron. A saturated nap roller should be used in conjunction with this step to even out the material and ensure the proper thickness. Use a wet film gauge to record thickness.

**Note :** To help ensure proper coverage, be sure each mix of material yields 7m<sup>2</sup> At this coverage, and the expected coverage per unit, the material should be applied at the appropriate minimum mil thickness.

### CURING

Stondri MVT must be fully cured prior to overlaying. The cure time for Stondri MVT is approximately 8-10 hours at 25°C and may vary depending on ambient and surface conditions.

### RECOMMENDATIONS

- Stonkleen DG9 is recommended as an industrial detergent for removal of most contaminants found on concrete.
- Minimum ambient and surface temperature is 16°C at time of application.
- Apply only to a clean, sound and properly prepared substrate.
- Clean tools immediately with either scouring pads and water, or mineral spirits. hardened material will require mechanical removal.
- Substrate temperature should be greater than 3°C above dew point.
- Application and curing times are dependent upon ambient and surface conditions. Consult Stonhard's Technical Service Department if conditions are not within the recommended guidelines.

**PRECAUTIONS**

- both liquid components A and b are skin and eye irritants; avoid contact.
- The use of safety glasses and impervious gloves is required during application.
- In case of contact, flush the area with copious amounts of clean water for 15 minutes and seek medical attention. Wash skin with soap and water.
- Use only with adequate ventilation.

**NOTES**

- Material Safety Data Sheets for Stondri MVT are available on line at [www.stonhard.com](http://www.stonhard.com) under Products or upon request.
- A staff of technical service engineers is available to assist with product application, or to answer questions related to Stonhard products.
- Requests for technical literature or service can be made through local sales representatives and offices, or corporate offices located worldwide.

**IMPORTANT:**

Stonhard believes the information contained here to be true and accurate as of the date of publication. Stonhard makes no warranty, expressed or implied, based on this literature and assumes no responsibility for consequential or incidental damages in the use of the systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only. We further reserve the right to modify and change products or literature at any time and without prior notice.

**STONHARD** A Division of **StonCOR**<sup>Group</sup>

[www.stoncor-europe.com](http://www.stoncor-europe.com)

---

Belgium	+32 67493710	Spain/Portugal	+351 707200088	Germany	+49 240541740
France	+33 160064419	United Kingdom	+44 1256336600	The Netherlands	+31 165585200
Poland	+48 422112768	East Europe	+31 165585200	Italy	+39 02253751