

# GARD-DECK® 522 SC (MMA)



---

---

## PRODUCT DESCRIPTION

Gard-Deck® 522 SC (MMA) is a two component newly developed hard methyl methacrylate resin. It is a low viscosity resin that is used as a top coat or sealer for the Gard-Deck® 418 and 510 series (MMA) resins for industrial floors. Gard-Deck® 522 SC should not be used as a top coat over Gard-Deck® 332 M

---

## PRODUCT USE

Gard-Deck® 522 SC (MMA) is a cold applied as the final top coat or sealer coat for interior flooring applications. It is used as the flexible topcoat, with high impact strength resistance and can be used in varying temperatures.

---

## PACKAGING

Gard-Deck® 52 SC (MMA) comes in the following packaging:

10 kg / container	10 kg equals 2.64 US gallons
25 kg / container	25 kg equals 6.60 US gallons
180 kg / drum	180 kg equals 47.55 US gallons

---

## COLOR

Gard-Deck® 522 SC (MMA) is slightly blueish without adding pigments  
Gard-Deck® hardeners: Hardener (BPO) min 1% by volume or Hardener M min 2% by volume based on temperature.

---

## COVERAGE RATES

Coverage rates shall vary depending of the product system chosen. See installation manuals for Gard-Deck® systems .

---

## STORAGE

Product shelf life is 6 months from date of manufacturer. Do not store in direct sunlight. Do not store in temperatures above 77°F (25° C) nor below 32° F (0° C). Store indoors in unopened containers in a well ventilated, cool, dry area and always away from heat, open fire, or points of ignition source.

---

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit [www.hydro-gard.com](http://www.hydro-gard.com). HYDRO-GARD accepts no responsibility for the results obtained through application of this product. HYDRO-GARD reserves the right to update information without notice.

# GARD-DECK® 522 SC (MMA)



---

## HANDLING

Keep away from open flames, or sources of ignition. Do not smoke around product. Once mixed with hardener, vapors may exist and can be explosive when mixed in the ambient air. Avoid direct contact with the skin, eyes, and breathing fumes. Always wear personal protective equipment such as: eye protection, gloves and respiratory equipment.

---

## MIXING & CATALYZING

When batch mixing, thoroughly mix the entire container of **Gard-Deck® 522 SC (MMA)** resin for 2-3 minutes prior to pouring the mixed resin into a additional container. Add hardener only to mixed resin that can be applied within the specified pot life. Add the pre-measured hardener to the resin component and mix in for approximately 2 minutes using a slow-speed mechanical agitator or mixing stick, then apply as a seal coat or topcoat . For temperatures below 50° f (10° C) hardener will take longer to dissolve and may need additional mixing time. The amount of hardener needed is based on the weight of the resin used , and varies with the ambient temperature as shown in the chart on this data sheet.

### **Gard-Deck® 522 SC (MMA)**

Temp. (°F) of Resin Air & Floor Surface	Hardener by Vol. (Oz.) Based on Gallon of 522 SC	Pot Life (min.)	Hardening Time (min.)
+ 41° F	2.5	Approx. 22-30	Approx. 45
+ 50° F	1.5	Approx. 15-20	Approx. 35
+ 68°F	1.0	Approx. 10-15	Approx. 22
+ 86° F	0.5*	Approx. 8-10	Approx. 18

\*Do not use less than 1% hardener by weight or less than 1.8% hardener by volume  
Consult with **HYDRO-GARD** Technical Service if performing mix ratio by weight instead of by volume.

---

## WORKING TIMES (at 65° F (20° C))

- Pot Life: approx. 12 to 15 minutes
- Rainproof: approx. 30 to 45 minutes
- Resin coat: approx. 45 to 60 minutes
- Fully Cured: approx. 3 to 6 hours

Note: The above approx times vary depending on substrate and ambient conditions. Actual set (cure) times should be established in the actual field conditions. The information noted on this data sheet should be used as a guide and do not reflect field conditions which may vary.

---

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit [www.hydro-gard.com](http://www.hydro-gard.com). HYDRO-GARD accepts no responsibility for the results obtained through application of this product. HYDRO-GARD reserves the right to update information without notice.