

## Ply-Guard CM

## Technical Bulletin

Ply-Guard CM is a 1:1 mix ratio, ultra-low viscosity polyurethane compound ideal for industrial and commercial use. Its extended gel time and low viscosity allows it to readily penetrate concrete more deeply, as well as providing a quick hardness build. This versatile material is designed to be mixed with dry silica sand to make a thicker build formula. Ply-Guard CM is perfect for rebuilding cracks, control joints, and skim coating floors to fill in air holes and missing sections of concrete.

### Key Features

- Low Viscosity
- 1:1 Volume Ratio
- Can be Top Coated after 30 Minutes
- Cures in All Ambient Conditions
- Cure Profile Allows for Improved Penetration in Concrete

### Applications

Ply-Guard CM is ideal for:

- Cracks, Pitted, and Spalled Concrete
- Horizontal Repair
- Industrial and Commercial Use
- Anchoring
- Filling Micro Air Holes
- Leveling Uneven Concrete

### Processing

Consult a Polyset Technical Representative for additional detail, equipment recommendations, or application training.

Property	A Side	B Side
Specific Gravity, g/cm <sup>3</sup>	0.92	1.05
Viscosity, cps	14.3	17.3
Weight/Gallon, lbs	7.70	8.76
Color, Mixed	White	
<b>Mix Ratio</b>		
Mixing Ratio (by Weight), g	100	111
Mixing Ratio (by Volume)	1	1
Gel Time (100 g), Seconds	201	
% Solids	55.6	
<b>Properties of Mixed System</b>		
Hardness Final, Shore D	65—70	

**Shelf Life:** 6 months from the manufacture date under normal conditions

**Packaging:** 2 Gallon and 10 Gallon Kits

**Storage:** Store between 60—90°F in tightly sealed containers

#### For Professional Use Only

Ply-Guard CM is for industrial use only. Avoid contact with eyes and skin, and do not inhale or ingest. Be sure to read the Safety Data Sheet in its entirety.

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