

# MASTERTOP® 112 TOPPING

*Self-leveling, polymer-modified industrial topping*

## DESCRIPTION:

Master Builders MASTERTOP 112 TOPPING is a self-leveling, fast setting, polymer-modified cement-based topping ideally suited for leveling and/or resurfacing distressed industrial concrete floors.

## RECOMMENDED FOR:

Use over base concrete substrates for –

- Industrial applications such as aisles and work areas
- Warehouse floors
- Rough floors
- Parking decks
- Utility areas
- Specified flat and superflat floors

## FEATURES/BENEFITS:

- High strength
- Highly fluid and pumpable for fast installation
- Remains workable for over 15 minutes with slight agitation
- Not a gypsum-based product
- Pourable or pumpable
- Rapid strength gain for fast turn around occupancy
- Low in-place cost
- Resistant to cracking
- Ready for foot traffic after three hours
- Return to service in 24 hours
- Highly durable to resist gouging from construction activity
- Weather and moisture-resistant

## PACKAGING/ESTIMATING:

MASTERTOP 112 TOPPING is packaged in 50 lb (22.7 kg) moisture-resistant bags.

One 50 lb (22.7 kg) bag of MASTERTOP 112 TOPPING when mixed with the appropriate amount of water to produce a self-leveling consistency will cover approximately 23 ft<sup>2</sup> (2.1 m<sup>2</sup>) at 1/4" (6.35 mm) thickness.

MASTERTOP 112 TOPPING can be extended with 25 lbs (11.2 kg) of clean 3/8" (9.5 mm) pea gravel. Flow may be impeded up to 15% with lower compressive strengths of up to 20%. If extended, the surface may not be as smooth as desired.

## PERFORMANCE DATA<sup>1</sup>:

**Compressive Strength** (Mix water; 4.0 qts/50 lb bag)  
(ASTM-C 109) **Avg. psi**

1 day	2100
7 day	4200
28 day	5000

**Flexural Strength**

(ASTM-C 348) **Avg. psi**  
28 Day 950 to 1000 psi

**Abrasion Resistance**

(ASTM-C 779, Procedure A)  
**Depth of Wear,  
Inches in 28 Days**

30 Minutes	.064
60 Minutes	.097

**Self Leveling Time** 15 minutes at 70 °F (21 °C)

**Set Time**

(Gillmore Needle: ASTM-C 266)

	<b>Hours:Minutes</b>
Initial	1:20
Final	2:00

<sup>1</sup>The data shown are based on controlled laboratory tests. Reasonable variations from the results shown may be experienced as a result of atmospheric and jobsite conditions. Mix entire bag of MASTERTOP 112 TOPPING when preparing cubes for strength tests.

## APPLICATION:

Consult the MASTERTOP 112 TOPPING Installation Bulletin or the product bag for details on the mixing, placing and sealing of MASTERTOP 112 TOPPING.

Master Builders recommends that the user request the service of the local representative for a pre-job conference to carefully plan each step of the installation.

## CURING/SEALING:

Air cure MASTERTOP 112 TOPPING for 48 hours. MASTERTOP 112 TOPPING must be sealed to avoid penetration of water and any contaminants. Until the surface is properly sealed, avoid contact with rain, snow and other forms of moisture and water. To seal, apply an approved Master Builders sealing compound.

### **LIMITATIONS:**

- Do not apply MASTERTOP 112 TOPPING over fresh, plastic concrete.
- For placement over substrates not mentioned on this sheet, consult your local Master Builders representative.
- Use only clean, drinkable water when mixing MASTERTOP 112 TOPPING
- Do not use more than recommended amount of water.
- Protect from moisture until surface is sealed.

### **RELATED BULLETINS:**

Material Safety Data Sheet – MASTERTOP 112 TOPPING  
Installation Bulletin 8I36 – MASTERTOP 112 TOPPING  
Specification Bulletin 8S36 – MASTERTOP 112 TOPPING

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