



## Concrete Admixtures and Fiber

# IMIPAVE

## Patching Material for Concrete Pavement Repairs

### DESCRIPTION

**IMIPAVE** is a specially formulated patching material for concrete pavement repairs. **IMIPAVE** sets fast, develops high early strength and expands slightly. Usable in temperatures down to 32°F(0°C). Resistant to freeze-thaw cycles, salt and heavy traffic.

### USE

**IMIPAVE** Is used on bridge decks, airport runways, highway overlays, driveways, other heavy industrial floors and as a pavement patch. Depth of the patch should be 1"(25mm) min.

### ADVANTAGES

- Resists freeze-thaw cycles to extend the life of the patch
- Expands on setting locking itself into place and assuring a tight contact with surrounding pavement
- Fast setting in 15-25 minutes; normal traffic in one to three hours
- High compressive strength; up to 2000 psi(13.8MPa) in 2 hours after setting. PSI(MPa) will vary depending on amount of water
- Can be used in temperatures down to 32°F(0°C)
- Ready-to-use, just add water

APPLICABLE STANDARDS: ASTM C-928

### APPLICATION

**Preparation:** Application must be to a sound base free of oil, grease, dirt, and loose material. Minimum depth of 1"(25mm) for small areas. Area should be saw cut at 90°. For any area larger than 20 square ft. (1.86 m<sup>2</sup>), the area should be a minimum depth of 2"(50mm) saw cut at 90°. Remove all rust from rebar. When repair is next to a joint, provide a mechanical bondbreaker such as polyethylene or plywood sheeting between the repair and the joint. For areas less than 2"(50mm) deep, apply Strong Bond.\* DO NOT featheredge.

**Note:** Use 6 pints (2.82kg) of CEMPOL neat or mixed 1:1 with water per 50 lbs. (22.68 kg) of **IMIPAVE** to increase durability, abrasion resistance and bond strength.

**Mixing:** Mix with low r.p.m. equipment. A mortar/plaster mixer with rubber wiper blades or a 1/2"(12.5mm) drill with paddle is recommended. During cold weather, use pre-heated water.

## INTERNATIONAL MATERIALS INDUSTRIES, L.L.C.

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## **Water Requirements:**

### **Neat Plastic/Flowable**

50 lbs.(22.68kg) Pave Patch

5.50-6.50 pints (2.47-3.06 L)

(or 5.75 to 6.75 lbs.);(2.47-3.06 kg)

### **Extended With 25 lbs. Of Aggregate**

50 lbs.(22.68 kg) Pave Patch

3/8" (10 mm)pea gravel (S.S.D. condition)\*

6-7 pints (2.82 to 3.29 liters)

\*S.S.D. = Saturated Surface Dry

Add water first then powder. If using aggregate, add it to water first then add powder. Mixing time should be two to three minutes and placing should not exceed fifteen minutes. Adequate placing and finishing equipment and material should be available for continuous placement of material. The surface should be pre-wetted or [CEMPOL](#) should be applied immediately prior to placing material. DO NOT place over free standing water. Rod and tamp to eliminate voids. Finish as required. Apply an ASTM C-309-91 IMI acrylic curing and sealing compound or [CEMPOL](#).

## PACKAGING

50 lb.(22.68kg) triple lined bag

## LIMITATIONS

DO NOT apply at temperatures below 32°F(0°C). DO NOT featheredge.

## STORAGE

[IMIPAVE](#) should be stored in a cool, dry interior area. At no time should material be exposed to high moisture, rain, or snow conditions.

