



PARSON RPM

DESCRIPTION: PARSON RPM is a rapid setting, fiber reinforced, H₂S resistant mortar that is mixed with clean, potable water and used to repair inverts and other voids and cracks in manholes.

ADVANTAGES:

- Simple to use – Just add clean, potable water
- Withstand flows in approximately 30 minutes
- Non-shrink
- Excellent freeze – thaw resistance
- High early strength



PHYSICAL PROPERTIES:

Compressive Strength (ASTM C-109)

1 day	>6700 psi
7 days	>8000 psi
28 days	>9000 psi

Flexural Strength (ASTM C-348)

1 day	>1025 psi
7 days	>1250 psi
28 days	>1400 psi

Tensile Strength (ASTM C-190)

1 day	>590 psi
7 days	>685 psi
28 days	>800 psi

Bond (ASTM C-321)

160 psi

Shrinkage (ASTM C-596)

0.0%

Freeze/Thaw (ASTM C-666)

100 cycles, no damage

SURFACE PREPARATION: All surfaces must be clean and sound before placing PARSON RPM. All incoming flow must be stopped for a minimum of 30 minutes. Completely clean the area to be repaired with a minimum 3500 psi water blast. Any bond inhibitors such as oil or grease must be removed in a similar manner. The substrate should be saturated surface dry (SSD).

MIXING: Remove a small amount of cement from the original container and place in shallow mixing tray. Add clean, potable water to the PARSON RPM until a putty or trowelable consistency is achieved (1 pint water per 5 lbs. powder). Do not mix more material than can be placed in 10 minutes. Do not add any other cements or aggregates to PARSON RPM. Do not retemper material.

APPLICATION: Apply only to a clean, sound and properly prepared substrate. The surface should be damp (SSD) and the PARSON RPM should be placed immediately after mixing. Place PARSON RPM into invert or areas to be repaired with trowel or gloved hand. For manhole inverts, place approximately ½” of material and smooth with a steel trowel. When repairing other areas, hold material in place until it remains there.

PRECAUTIONS: The setting time of PARSON RPM will vary according to ambient and surface temperatures. To hasten set time, use clean heated mixing water. Cool water or ice should be used to prevent extremely rapid set. PARSON RPM will reach its final set in about 30 minutes at 70°F (21°C). Under normal conditions, no special curing is required. Wear protective glasses and rubber gloves. If product is splashed into eyes, wash immediately with clean water and consult a physician.

STORAGE: Shelf life is 2 years when kept dry, stored at 70°F with the container tightly sealed.

PACKAGING: PARSON RPM is available in 5 gallon pails containing 50 lbs. of material.

COVERAGE: Approximately 17 cu. inches per lb. *50 lbs. = 850 cu. inches