



www.multicretesystems.com

XPR Non-Shrink Grout

Specially Formulated Grout

Description

XPR Non-Shrink Grout is hydraulic cement-based, non-ferrous, non-shrink grout that can be sanded or unsanded (concentrate). This specially formulated grout features reliability and high performance for a variety of general grouting purposes.

Where to Use

- Grouting anchors or cable bolts requiring rapid tensioning.
- Providing high early strength for anchors to allow quick "cycle" time.
- Patching high traffic areas that require minimal disruption.
- Low temperature grouting.
- Grouting earth tieback anchors into porous soil where is flowing into drill holes.

Advantages

- Non-bleeding
- Non-segregation
- Precision Non-shrink
- XPR Non-Shrink Grout achieves strength of 15 Mpa (over 2000 psi) in two to three hours.
- XPR Non-Shrink Grout, although containing modified hydraulic cement, exhibits working time similar to Portland cement.
- This product can be used in applications somewhat below 0°C.
- XPR Non-Shrink Grout contains admixtures, which greatly reduce "water wash-out".
- This makes it ideal for grouting in water-laden areas that required rapid strength gain.

Technical Data

Compressive Strength, psi (ASTM C 109)

<u>3 hours</u>	<u>24 hours</u>	<u>7 days</u>	<u>28 days</u>
2500	5200	6325	7350

Flexural Strength, psi (ASTM C78)

<u>5 hours</u>	<u>28 days</u>
650	1260

Packaging

XPR Non-Shrink Grout is packaged in 30 kg (66 lb) heavy-duty polyethylene lined bags, which yield approximately 2/3 cubic feet of grout. Allow 5% for wastage. Alternate packaging is available to suit the individual demands of each product. Each bag can be placed into a plastic sack and "heat sealed" for a totally waterproof package.

Safety Precautions

XPR Non-Shrink Grout contains cementitious materials. Freshly mixed materials may cause skin irritation. Avoid direct contact and wash exposed skin area promptly with water. If any cementitious material gets into eyes, rinse immediately and repeatedly with water and seek prompt medical attention. Normal safety wear such as dust mask and rubber gloves used to handle conventional cement based products should be worn. See MSDS for more information.