



DESCRIPTION

1260 MG-KRETE™ FLEX is an inexpensive, two component, synthetic fiber reinforced, high early strength structural repair material that is very easy to use in the field.

BASIC USES

1260 MG-KRETE™ FLEX is designed specifically for anywhere movement and stress are of concern - such as airport runways, bridges, ramps, parking decks, highways, and utilities. It is used for patching surface and deep pours. It can be poured into forms, it can be troweled vertically and overhead. **1260 MG-KRETE™ FLEX** is designed to increase flexural and tensile strength.

MAJOR ADVANTAGES OF 1260 MG-KRETE™ FLEX

- Cures very rapidly in all-weather at all temperatures to form a very hard, tenaciously bonded repair.
- Non-flammable and has a high heat resistance.
- Cures very rapidly, most applications can be returned to service in 30 minutes.
- Does not shrink on cure.
- Stronger than concrete within 45 minutes.
- Self-priming and will bond to virtually any construction material.
- Very easy to use, there are no specific slump requirements, no critical mixing ratios, no sophisticated and expensive surface preparation.
- Non-toxic, it contains no harmful chemicals, and it cleans up with water.
- Very cost effective, it has the performance characteristics of the best polymers at a fraction of the cost.
- Totally waterproof, it is resistant to oils, gasoline, salt, and UV radiation.
- Approved by the Canadian Food Inspection Agency (CFIA) for incidental food contact.
- Reduces settlement cracking by forming support network from within the mix.
- Improves cohesion.
- Improves shatter and impact resistance.
- Provides residual strength.
- Reduces potential thermal cracking by 80%.

TECHNICAL AND PRODUCT DATA

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|----------------------------------|-----------------------------------------------------------------------------------------------|
| Flash Point: | None |
| Compressive Strength: | |
| 45 minutes | 2,610 psi / 18.0 MPa |
| 24 hours | 5,148 psi / 35.5 MPa |
| 7 days | 5,815 psi / 40.1 MPa |
| 28 days | 11,194 psi / 77.2 MPa |
| Initial Set Time at 68°F (20°C): | 15 minutes |
| Application temperatures | Minimum 14°F (-10°C) with Low Temp. Accelerator Over 100°F (40°C) with High Temp. Retarder |
| Primer: | No primer required |
| Clean-up: | Water (before material sets) |
| Shelf Life: | 12 months if stored dry and away from direct heat |
| Number of Components: | Two (Part A and B) |

Packaging:

1260 MG-KRETE™ FLEX Regular

50lb (22.7kg) Part A with 1 gal (3.78L) Part B

1260 MG-KRETE™ FLEX Fine

45lb (20kg) Part A with 1 gal (3.78L) Part B

Also Available in bulk packaging

Yield of mixed material:

Regular Grade Flex

1 unit = 0.45 cu.ft

78 units = 1 m³

Fine Flex Grade

1 unit = 0.4 cu.ft

88 units = 1 m³

All grades can be extended by adding clean dry angular aggregates during mixing

**NOT FOR RESIDENTIAL INDOOR USE.
DO NOT USE LIMESTONE WITH 1260 MG-KRETE™ FLEX.**

MIXING

Keep all materials dry. **DO NOT ADD WATER TO THE MIX.** Maintaining the mix ratio as supplied i.e., one container of liquid activator to one bag of dry component will give a trawable consistency suitable for most floor applications. However, the slump may be adjusted to the applicator's preference or to suit the specific job conditions by the addition of either of the two components. **DO NOT ADJUST THE SLUMP BY THE ADDITION OF WATER.** Mix the two components by mechanical means until all the material is wetted, then place quickly. Clean, dry, aggregate may be added to the mix to increase the yield on deep placements.

APPLICATION INSTRUCTIONS

Surface must be clean, dry, and free of loose material. Remove all dirt from area to be covered, leaving a rough, clean, surface. For applications at ambient temperatures below 50°F (10°C), 1261 LOW TEMPERATURE ACCELERATOR can be used to extend the working time. With temperatures above 68°F (20°C), the 1263 HIGH TEMPERATURE RETARDER can be used to extend the working time. Do not pre-wet surface. Keep an adequate supply of water on hand to keep equipment clean.

FINISHING

1260 MG-KRETE™ FLEX may be finished with screed, trowel, or broom. Do not rework the material after it has begun to set. **OVER COATING-** Allow **1260 MG-KRETE™ FLEX** at least 24 hours cure before over coating. The cured surface must be acid washed, sandblasted, or mechanically abraded before coating to ensure sound bonding.

SPECIAL HANDLING

Store materials in a clean dry area away from direct heat. Setting time of the mixed material will be greatly accelerated if the components are stored in a warm or hot environment; conversely the setting time is extended if the materials are kept cool. Flush all spills with water. Clean all tools with water immediately after each use. Do not attempt to place **1260 MG-KRETE™ FLEX** in water or where running water will disturb the worksite.

SAFETY

Please refer to SDS at www.imcotechologies.com. Use the same precautions as when working with conventional concrete. Although the materials are non-toxic, it is good practice to protect exposed skin areas and to wear a face mask to prevent inhalation of the aggregate particles. A small amount of ammonia gas is released during the cure, venting of indoor areas may be required in some applications, although this will present no problems outdoors. Neither of the components nor the mixed product are flammable.

WARRANTY DISCLAIMER

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute a warranty expressed or implied including any warranty of merchantability of fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental, or consequential damages.