



KAUFMAN SUREPLUG™ HYDRAULIC CEMENT



General Specifications

- Features & Benefits : SurePlug™ is a fast setting, non-shrinking, hydraulic cement compound, formulated to stop leaks in all types of concrete and masonry surfaces. Also used for anchoring bolts, hand railings, and instantly stopping the flow of running water. It is still effective under hydrostatic pressure.
- Physical Property @ 75 °F :
- | | |
|-------------------------------------|-----------------------------------|
| Color: | Concrete Gray |
| Compressive Strength:
ASTM C-109 | 6 hours 400 psi |
| | 1 day 2,000 psi |
| | 7 days 3,500 psi |
| | 28 days 6,000 psi |
| Flexural Strength:
(ASTM C-78) | 28 days 1,200 psi |
| | Tensile Strength
(ASTM C-496): |
| Gillmore Needle Set Time: | |
| Slow | 3 to 5 minutes |
| Regular | 40 to 60 seconds |
| Fast | 20 to 30 seconds |
- Surface Preparation : All cracks or openings should be carefully prepared by cleaning out foreign matter and cutting out loose materials. The crack must be opened to a minimum width of 1" at the surface. Crack should not be left in a sharp V form, particularly where water under hydrostatic pressure is to be dammed off.
- Application : Mix with clean water to the consistency of putty enough so that the SurePlug™ cement can be placed in 15 seconds. Mixing should not take longer than 1/2 minutes. After filling the crack or hole, the plug should be kept damp to assure complete hydration of the cement. Upon filling the crack or hole with force, apply pressure either with your hand or trowel for a full 5 minutes or longer.