

CFS01 Mortar

Description

CFS01 Mortar is a proprietary non-intumescent compound comprised of gypsum and cement. Developed with installation convenience in mind, INCA Mortar softens once mixed with water and becomes easy to work with. Our variable viscosity technology allows the installer to add less water for a thicker consistency or more water for a thinner consistency depending on your application needs. INCA Mortar has up to 3 hours fire rating to prevent passage of flame, smoke and toxic fumes.

Test

- UL1479, 3hrs, T and L Rating
- CAN/ULC S115 3hrs, FTH Rating
- GB23864

Installation guide

1. Clean surfaces of the opening and all penetration items to avoid any grease and dust.
2. An appropriate backer must be installed first, cut to fit below the opening to support the mix until it cures. Combustible backers must be removed once material had cured. Noncombustible backers may remain in place.
3. Mix with clean water in a proper container. According to the mixing ratio (Mortar : Water = 1:0.85~0.95), slowly add the mortar into water while stirring by power mixer to ensure a smooth lump-free mix (Note: Do not add water into mortar). Mix well for 30-40 sec. and the wet mixture is better pour into the floor opening within 3 minutes after mixing.
4. Pouring the wet mix into the opening to allow for the proper depth of fill materials. If the first pouring depth is not sufficient, add more wet mix after the mortar is set.
5. Remove the shuttering plate after the mix has set if it is combustible.



Feature

- Non-Shrinking
- Paintable
- Fast drying
- Safe and simple to use
- Halogen and asbestos free
- Water and gas impermeable
- Good structure strength
- Adjustable consistency (variable mix ratio)

Specification

Mixing ratio (by weight)	Mortar : Water = 1 : 0.85 ~ 0.95 (Recommended)
Yield (per 20Kg)	22-25L
Mixing time	30 ~ 40 Sec.
Working time	3 min.
Density (after mixing)	1400-1650kg/m ³ (Wet cast)
Set hard time	Approx. 3 ~ 4 hours.
Time to remove shuttering	2 days
(if needed)	
Fully cured	28 days
Application	Sealing floor openings
Package	20Kgs/Bag

Applications



Metallic pipe



Cable tray



Plastic pipe



Insulated pipe



Busway



Multiple penetration



Cable Trench