



## DFSB-KF604 FIRE STOP BARRIERS APPLICATION PROCEDURE

**NOTE: PLEASE DO NOT STORE MATERIAL IN THE OPEN/WET AREAS**

*Packing not suitable for wet surface*

*It must be placed in a covered shed to avoid damaging of material inside*

*Consumption calculation and estimation:*

*With cable occupancy of minimum 30%, consumption of KF 604 will be approximately 160 to 170 Kgs per square meter. If cable occupancy is higher, less material shall be needed to fill 1 square meter.*

*Standard thickness: 200mm*

1. Find an empty open, flat space, and place a plastic sheet/tarpaulin on the ground.
2. Open 2 to 3 bags, 25 Kgs each depending on the space and consumption at a time.
3. Make a small heap with a crater in the centre, similar method as used for cement mixture.
4. Add clean water in the centre and allow soaking for a few minutes.
5. Using your hands start mixing the powder with the water to achieve thick clay like consistency of the material.
6. Make circular elongated shapes as shown in the image, and stock on side. After making enough as per estimation, take material to site of application.
7. Ensure proper shuttering on opposite side of opening to avoid spillage of material.
8. After filling of opening with KF 604 material, ensure proper surfacing and finishing making flush with neighbouring walls.
9. Clear any debris or balance material and dispose properly.
10. Please note, at certain locations, ambient temperature being high, causing the barrier system to dry quickly can lead to thin hairline cracks developing on the surface of the barrier. Using a slurry solution of KF604 using more water and less material, must be used to fill the cracks and provide a neat finishing.
11. Please note: for larger openings, usage of steel rods or angles might be required within the opening to achieve strong hold and support for the system to ensure longer life.
12. To achieve a hard dry status, we recommend a drying/curing period of 72 hours in ambient conditions. After this time, the barrier shall be water resistant and flame resistant and retain its properties for a longer period.
13. Please note: once a packet has been opened, consume at once, do not store for later application as the material might catch moisture and harden losing its properties. It is recommended to open only packets required per location at a time.