

Product Knowledge

1. Fireproofing

a. Material

50mm thick Mineral wool/ Rockwool Panel

Fire Sealant

Fire Coating

Firestop Mortar

Pipe Collar/ Seal

Firestop Bricks

Fire Seal Bags

PolyUrethane Foam

b. Application

Fireproofing is done on any type of wall (brick, concrete, drywall) and through any type of slabs that has penetrations, gaps and openings to prevent fire from spreading into the entire structure. Fireproof ratings differ with it's retarding time from 60, 90 and 120 minutes. The 60 minutes fire rating is done on one side of the wall whilst the 90 and 120 minutes fire rating is done on both sides of the same wall. The above material works in a combination of three(3) with the sealant and coating as the common material in the combination.

2. Damp Sealing

a. Material

Clean Water

Zycosil+

Zyco-Prime Plus

Elastobar

Cemflex

Membrane

b. Application

Damp seal is applied on brick and concrete walls prior to painting, cladding and tiling finishing. The concentrated solution is used on plastered walls prior to paint priming and the cementitious mixture with the membrane is used on floors and walls prior to tiling.

3. Rubber Waterproofing

a. Material

Tritoflex 1K

Tritoflex 2K

Tritoflex Accelerator

Grey/ White Acrylic coating

b. Application

Rubber waterproofing can be applied to all types of roofs. The surface must be thoroughly washed and clean before application. The product can be sprayed on big surface area or applied with a brush on a small area. Once the rubber is dry, it is coated with grey or white acrylic to act as a UV and weather resistant and to elongate it's guaranteed duration.

4. Torch-on Waterproofing

a. Material

Bitumen Primer
SP waterproofing membrane
Lever Gas Welding Torch
Gas bottle and hose with safety valves
Fire extinguisher
Grey/ White Acrylic coating

b. Application

Torch-on waterproofing is commonly applied on flat concrete roofs to stop water seepage and leaks. The surface must be cleaned and tested for moisture content within tolerance. Primer will be applied saturately to the surface and follow with layers of the membrane applied with the torch. Membranes can be coated with paint or fine granules as a UV and weather resistant.

5. Joint Seal

a. Material

Asodur K4031
HB Joint Cover
Polyurethane Silicon
Silicon Gun
Backing Cord
Acetone

b. Application

Joints are created vertically and horizontally in the structure to allow for movements. Cut joints are raked out and cleaned to prepare for sealing. Silicon is neatly injected in the joint to close the gap for a good looking finishing of the surface.

Suppliers

