



Product:	FIBAROLL	PDS No. 73(b)
Aspect:	APPLICATION FOR INSULATION PROTECTION	
Area:	SURFACE PREPARATION & HANDLING	Page 1 of 2

New insulation materials by their nature require no preparation. However the common forms of insulation materials like cellular glass, mineral wool or PUR / PIR can be supplied with a foil face lining material. This is obligatory on vertical surfaces such as tank walls and a beneficial addition on pipework. Foil faced materials aid FibaRoll applications because the foil linings can be cleaned of dust and debris easily and this will help adhesion strengths. The foil linings also assist with the adjustment of uncured FibaRoll during application as you can peel back the FibaRoll without significantly reducing its tack / stickiness. All insulation materials must be closely inspected prior to the application for damage, areas of dampness and particularly with mineral wool areas of low density. With mineral wool it is preferable to utilise rigid slab materials as they provide a firmer substrate on which to apply the material.

FibaRoll is a soft mould-able sheet material which will conform to the shape of the substrate to which it is applied.

Requirements:

A suitable cutting environment. It should be well ventilated and well lit with a non UV containing light source (household light bulbs and fluorescent tubes are OK).

Sharp, modeling style knives (Stanley type) – This will ensure clean cut edges.

Clean soft cloths – This will aid smoothing the FibaRoll down, as it is applied, to ensure that air is excluded and that the FibaRoll is ‘tight’ to the substrate.

Flat seam rollers – These are commonly used in wall papering and are important as all seams need to be firmly rolled down.

Trade quality scissors – These can be used for detail work when cutting templates and FibaRoll etc.

Disposable gloves – These will help to prevent you’re hands getting sticky and will also help keep application work clean.

Metal ruler preferably a one metre one, a metal set square to ensure 90° angles and a set of dividers for circular shapes i.e. end caps etc.

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Some applications may require a metal halide lamp plus protective glasses.

A steel topped table is highly recommended with a FibaRoll stand at one end so that the material can be run out easily whilst being suspended and cut to length. When cut FibaRoll should be either carried flat to the application area or rolled onto a round core (as supplied). This will ensure that there are as few creases or folds in the material as possible. The material should be protected from any UV light sources until just prior to application and the open ended black bags supplied are useful in this.



Typical cutting area



FibaRoll applied to foil-faced rigid slab insulation

Application Schedule

- (a). Insulation preparation – including full inspection for damage, damp and low density areas.
- (b). FibaRoll wrap or sheet application – wrapping with a little tension or smoothing down with a cloth or roller and the FibaRoll seam rolled down.
- (c). FibaRoll curing period.
- (d). Inspection of the application with a FibaGel application onto the seams and areas of termination if required.

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