

# GENERAL INFORMATION



## Colouring ThermaAcoustic Fibre Products TC-417 and AcoustiFINISH™ (AF90) Installations

### NOTE:

- a) Glass fibre is an impervious, dense and smooth material that will neither absorb colour nor readily allow it to bond to its surface;
- b) Therefore all colour must either be in the adhesive or applied as paint to the finish surface.

### TINTED ADHESIVE:

If the finish colour desired is other than white (the natural colour of the installation) and need not be 100% uniform, then tinted adhesive may be used. If this system is employed, please note the following:

- a) The adhesive is never 100% evenly distributed over the fibre, and because it forms such a small percentage (6 - 8) of the final mix it is not possible to get a perfectly even finish colour;
- b) The very best of installations will show a lightly mottled finish with lighter patches where the colour of the fibre tends to show through;
- c) In addition, the textured finish of the installation will cause shadows across it, which will change as the light intensity and direction change, thus adding to the perception that the surface is unevenly coloured.

### PAINTING:

- a) Please note that a painted installation, while completely uniform in colour as opposed to one using tinted adhesive, will not be free of shadows and perceived colour variation as noted in C above;
- b) In order to maximise the finish of a painted **TC-417** installation it should be specified where installation allows that it be oversprayed with adhesive and "board tamped" immediately after initial drying has occurred. Board tamping will greatly reduce the heavy texture of the surface and lessen the shadow effects;

- c) In terms of an **AcoustiFINISH™ (AF90)** installation it should not be necessary to specify tamping of the finished installation. The product is designed to provide a surface texture well suited to a finished acoustic ceiling and/or wall surface;
- d) When specifying a painted surface, specify the use of any high quality waterborne paint. Our adhesive is compatible with all reputable manufacturers' products;
- e) The picture below shows a **TC-417** surface that will show a lot of shadow if painted;



- f) The surface shown below will provide a painted surface with a more uniform appearance.



### PAINTED TC-417

The following three pictures show a board tamped and painted **TC-417** installation (above the wooden grille). Note that the shadows provide the illusion of colour variation.



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