

Filltite Wood Filler

Filltite Wood Filler is a high quality two part polyester stainable woodfiller offering the user the benefits of a fast cure system, easy application, exceptional performance and readily accepts most stains.

Super smooth, easy sanding once cured, Filltite Wood Filler can be machined, drilled, nailed, screwed and stapled. Filltite Wood Filler can be finished with most stains, primers, paints and surface finishes. Filltite Wood Filler is suitable for internal and external use.

PREPARATION

Prior to application, all surfaces should be clean, dry, sound and free from oil or grease. On old timber, any rotten or weak areas should be cut back to solid timber. Smooth areas should be slightly abraded to ensure a good key is obtained.

MIXING

To mix Filltite Wood Filler, simply add catalyst from the small tube to the pre-coloured paste on a suitable board. Mixing should be carried out by spatula or stiff knife until a smooth, even coloured mix is obtained. Ensure that the filler is scraped clear of the mixing board at least once. This ensures that all the filler is mixed with the catalyst and no uncured material will therefore be used.

Filltite Wood Filler should be mixed in the proportion of 50 parts base to 1 part Hardener (a golf ball volume of Wood Filler to a 100mm strip of catalyst).

As Filltite Wood Filler is a fast curing filler, it is recommended that only small quantities are mixed at a time - enough to be applied within 5 minutes of mixing.

APPLICATION

Apply Filltite Wood Filler using a putty knife, spatula or similar direct to the area of timber to be repaired. Shape the Filltite Wood Filler as required with a spreader or flat former. Leave enough excess proud of the surface to allow for sanding. For deep filling it may be necessary to build the Filltite Wood Filler up in layers. Plastic shuttering may also be used to produce a smooth straight edge but only remove when the filler has cured. Allow to cure before finishing. It is important that the total surface of Filltite Wood Filler is fully sanded to ensure that the stain or finish can fully penetrate. Certain timbers are highly absorbent which may result in the filler being more noticeable. It is recommended that trials are conducted on an inconspicuous area prior to full scale production.

TECHNICAL DATA

APPEARANCE	-	SMOOTH COLOURED PASTE
MIXING RATIO	-	50 PARTS BASE TO 1 PART ACTIVATOR
WORKING LIFE	-	6 - 8 MINUTES AT 15° C 15 - 20 MINUTES AT 5° C
CURE TIME	-	8 - 10 MINUTES AT 15° C 30 - 40 MINUTES AT 5° C
SPECIFIC GRAVITY	-	1.10 g/cm ³
ADHESION TO WOOD	-	GREATER THAN THE COHESIVE STRENGTH OF THE WOOD
TENSILE STRENGTH (ASTM 638)	-	7.4 N/mm ²
E MODULUS	-	2467 N/mm ²
COMPRESSIVE STRENGTH (ASTM 695)	-	16.8 N/mm ²
FLEXURAL STRENGTH (ASTM 790)	-	13.98 N/mm ²
FLEXURAL MODULUS	-	1810 N/mm ²
COLOUR RANGE	-	LIGHT

Certain cellulose based thinners used in varnishes and stains and acid catalysed lacquers may cause fading of the final colour within a few weeks. It is recommended that trials are conducted prior to full scale production.

IMPORTANT

The information and data given is based on our own experience, research and testing and is believed to be reliable and accurate. However, as Tembe DIY Products Ltd cannot know the varied uses to which its products may be applied, or the methods of application used, no warranty as to the fitness or suitability of its products is given or implied. It is the users responsibility to determine suitability of use. For further information please contact our Technical Department.