



## INSTALLATION OF TILE ON PLYWOOD – A CHALLENGE

As Architectural designs are undergoing a change in India ie a mix of Contemporary, Traditional, Classic architecture, architects are playing with different materials to suit their ideas and designs,

There are often demands for fixing tile & stone on surfaces such as Plywood, Gypsum board, Metal, Fiberglass etc.

When Plywood is the substrate, the decision on which thin set adhesive to use must be based on Quality and Performance, not Price.

Of all the substrates used for installation of tile & stone, plywood is one of the most of difficult substrate to bond to and to stay bonded to. Unless the right tile adhesive is used, job failures will result.

Plywood is not a dimensionally stable material expanding and contracting as the temperature and relative humidity change. For ex an 8 foot section of plywood will expand upto 1/8inch as the relative humidity goes from 15% to 80%, Unless the thin set adhesive is able to accommodate this movement, the bond will fail resulting in loose or cracked tiles.

What then is the SOLUTION ?

### LATICRETE 333 SUPER FLEXIBLE LATEX ADMIX

Laticrete 333 Super flexible latex admix mixed with Floor & wall thin set adhesive such as Laticrete 290 is specially designed for installation of tile & stone on Plywood and wood surface, it has exceptional adhesion and unequalled flexibility, highly suitable for trouble free Plywood installations.

Most basic thin set adhesives lack the necessary adhesion and flexibility required to be used on plywood, basic thin set adhesives are typically based on Portland cement which bonds very well to the other cement based materials such as plaster, screed etc, however it does not bond very well to the resinous surface of plywood, which results in failures.

Flexibility measured according to French standard UEAtc 4.12 by bending a thin sample of adhesive and measuring the deflection before it breaks. The minimum requirement for deflection is 0.2 inches (5mm)

LATICRETE 333 has over 100% higher bond strength and is over 200% flexible.

It is proven for over 25 years and is rated for extra heavy duty service.

**CHOOSE THE VERY BEST - CHOOSE LATICRETE 333 SUPER FLEXIBLE  
LATEX ADMIX TO ENSURE TROUBLE FREE INSTALLATION**