



ADHESIVE VS ADHESIVE

Choose the right Tile Adhesive for the Application.

It is generally seen that decisions regarding which adhesive to use for Fixing Tiles & Stones are based on cost and not performance. We often hear one chose the basic adhesive instead of the recommended Adhesive because it is cheaper and also meets some required standard.

Let us understand the different grades of Adhesives and their corresponding standards.

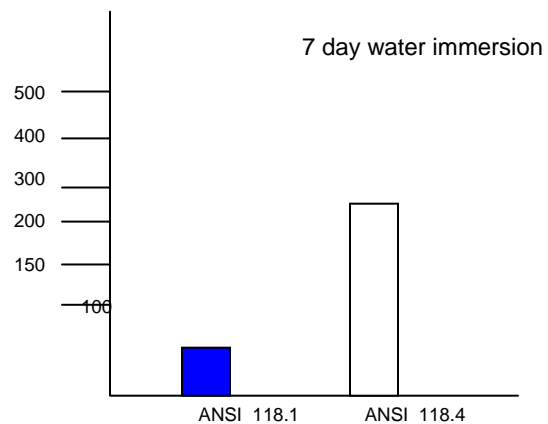
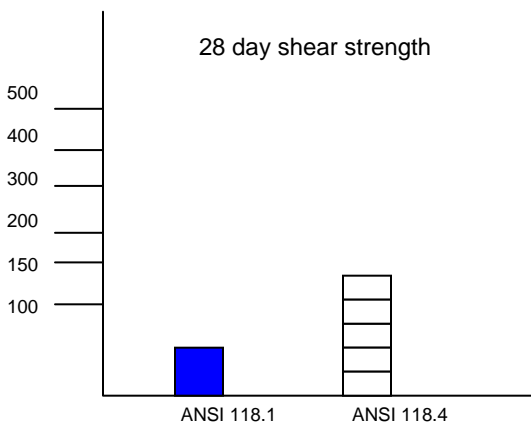
Dry Set Adhesives: It is basic and the lowest in the grade of adhesives suitable for fixing of ceramic Tile & Stone in floor, wall applications. The ANSI Standard Correspondence to the above grade of Adhesive is ANSI 118.1.

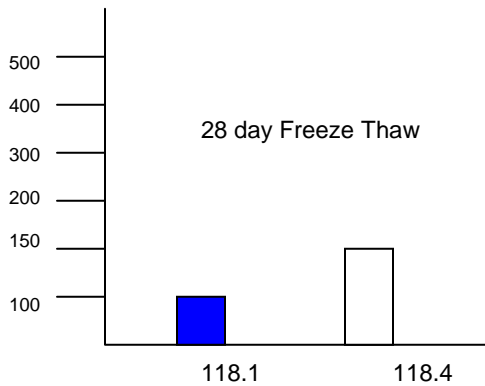
Latex Fortified Adhesive: It is a two component Adhesive with liquid Latex as the polymer additive for providing high strength and flexibility suitable for applications such as fixing of Vitrified Porcelain Tiles, Fixing Tile / Stone on External Wall, Industrial Flooring etc.

It also allows Tiles/Stones installation on diverse substrates such as Gypsum Board, Cement Backer Board, and Plywood etc. The ANSI standard corresponding to the above Adhesive is ANSI 118.4.

Let us look at the following graphs to understand the performance requirements for shear bond strength, for a different ANSI specifications.

SHEAR STRENGTH TO VITRIFIED TILE





From the Graphs it is very clear that performance requirements established in ANSI 118.4 for Latex Fortified Adhesive are significantly higher than those in ANSI 118.1 for Dry Set Adhesives.

Laticrete Markets both the types of Adhesives and also provides specifications & Advice on the right product usage for the right application.
Laticrete Adhesives meeting above ANSI specification are:

L307	-	Dry Set Adhesive	-	ANSI 118.1
L290	-	Dry Set Adhesive	-	ANSI 118.1
L111+73	-	Latex Fortified Adhesive	-	ANSI 118.4
L111+4237	-	Latex Fortified Adhesive	-	ANSI 118.4
L290+833	-	Latex Fortified Adhesive	-	ANSI 118.4

Choosing the right Adhesive for your project is first and the most important step in successful performance of your Tile/Stone Installation