

P-6 Wood Adhesive for Wood Parquet and Engineered Plank Flooring

Glue-down installations of wood parquet and engineered plank flooring require the use of one of three basic types of adhesives: solvent-borne acrylics, waterborne dispersions, or urethanes. The solvent type uses trichloroethane which has been shown to deplete the ozone layer and was banned in the U.S. by the EPA in 1996. In waterborne formulations, small amounts of other solvents are often used and when combined with other additives, may emit levels of VOCs which must be closely monitored. In addition, the water content in these adhesives poses a serious failure threat to the wood flooring. Urethane adhesives are expensive, are difficult to work with, and contain components which are clearly hazardous.

ARDEX P-6 Wood Adhesive is a solution to the problems presented by all three of the above adhesives. ARDEX P-6 is packaged in powder form and is mixed with water on the job site. It does not emit any type of noxious fumes, making it safe for craftsmen installing the floor and anyone using the space. The adhesive consists of a proprietary adhesive powder combined with a water-crystallizing component. Whereas waterborne dispersions dry by evaporating water into the environment, ARDEX P-6 chemically hydrates all of the available liquid water. By consuming this water rapidly during the crystallization period, the threat posed to the wood floor is eliminated. Since it uses no solvents or reactive resins, it is virtually VOC-free. ARDEX P-6 is easy to work with and hardens within a few hours, allowing the floor to be quickly opened and to be safe for all who use the floor.

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