Indian glue with global affirmation



Starke, India's one of the first indigenous D3 wood glue from Surfactant Industries has been widely appreciated by furniture manufactures throughout the country. The product has greatly bridged the wide gap of quality and price between Indian and international wood glue products especially the ones imported from Germany.

Engineers of IIT and University of Manchester, at Surfactant Industries, Jodhpur, took it as a challenge to develop a completely indigenous D3 water resistant wood glue. With years of hard work, today it is receiving tremendous response from customers all over India and abroad.

Surfactant Industries is into manufacturing of specialist water -based wood adhesives, paper adhesives and emulsion polymers. The Indian furniture and modular industry was facing a unique problem of poor water resistance of conventional white glues, which led to weak joints when they come in contact with moisture/water. Seeing this, Surfactant Industries launched a new generation water resistant wood adhesive 'Starke', a one component D3 wood glue, which exhibits excellent water resistance in comparison to conventional wood glues.

In order that the industry adopts this product quickly, it has been specially priced – equivalent to affordable non-water resistant glues. Another big advantage is that the product is extremely fast setting. The joints are cured in less than 3-4 hours (as compared to 12-14 hours required for normal glues). So, ultimately it leads to higher production, thereby saving cost and time.

Expert Pool

The company has a pool of adhesive experts specially from IIT Kanpur, University of Manchester, UK, etc. and have strong technical supports from adhesive experts of Germany, The Netherlands and Switzerland. Starke has been developed in close association with Dr. Herbert Eck of Germany, an author of more than 100 adhesive related patents.

Due to this highly competent team, Starke has been made using a new breakthrough technology called controlled intelligent film phase crosslinking (CIFPC). Using CIFPC, the crosslinkers present will have a minimum reactivity in the emulsion state and as soon as it is applied on the substrate, the reaction proceeds leading to improvements like better shelf life, higher water resistance, excellent fast setting characteristics, and higher coverage.

The state-of-the-art inhouse laboratory does thorough testing of all raw materials and every product. The glue has also been tested at Europe's leading wood laboratory SHR of the Netherlands and Starke was found to comply with EN 204/205 D3 Standards. The entire manufacturing process was systematised so that regularly consistent and uniform quality is produced. For ensuring uniform product output, best international manufacturing and testing practices were developed and for third party check/audit ISO 9001:2008 certification was taken.

Starke is being used in the industry for many applications including cold pressing, finger jointing, post forming, hot presses, modular furniture, roller presses, sports flooring, sports goods manufacturing, handicrafts, electric board, prelams, writing boards, laminate pressing etc.
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