To Whom It May Concern

The objective of this letter is to discuss the issue of warping of plywood products manufactured in conformance with CE MARKED in accordance to EN13986 not include any provisions for warping, as this phenomenon occurs naturally in wood, and is not considered a defect.

Warping results when one section of a piece of plywood shrinks or swells at a different rate than the remaining piece. This shrinking or swelling is caused by a decrease or increase, respectively, in the moisture content of the plywood, The construction of plywood, with its alternating grain direction between the adjacent layers, generally helps minimize dimensional change and warping.

Bigger is the final Thickness of the Plywood lower is the influence of the external density of the veneers and well as the moisture to warp or twist the panel as the resistance of it will increase with the thickness. It means, 18mm will have a lower risk of warping when compared to 15mm.

However, given the fact that plywood can be made with different species of wood, and that there may be variation in density, growth characteristics, thickness and moisture content within the individual veneers, it is not surprising or unexpected that warping may occur.

Warping problems can be minimized through proper storage and handling of plywood. Plywood units should be covered and protected from exposure to the weather during storage at the jobsite. Proper installation of plywood products will also minimize the potential for warping once the product has been installed.

Sincerely,

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