

From: Ferrero Gianmichele
Sent: Friday, April 18, 2014 9:22 AM
Subject: R: NAUF ARPA Info

Good afternoon,

NAUF means “No Added Urea Formaldehyde.

NAUF products are specifically manufactured by the wood industry to eliminate urea formaldehyde from the bonding process.

Urea-Formaldehyde is a reference to the type of resin that is used as a bonding agent in some types of plywood and composite wood panels.

In many applications NAUF products contribute to LEED credits, however as listed in the LEED section, both NAUF and FSC product nomenclature contribute the highest LEED value.

The laminate produced by Arpa Industriale SpA are not composite wood panels but decorative plastic sheets. Basically more than 60 % of the laminates consist of paper and the remaining 30 to 40 % consist of cured phenol-formaldehyde resin for core layers and melamine-formaldehyde resin for the surface layer.

Both resins belong to the group of thermosetting resins. They irreversibly react forming cross linked chemical bonds during the curing process. The result is a non-reactive and stable material with characteristics which are totally different from the original components.

Almost no free formaldehyde is present in the final sheets and this is stated by the Formaldehyde emission classification according to European regulation and US Greenguard.

Regards,

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