

# F0 Saunaply

# RoHol®

## The Austrian Wood Composer

### » General:

High temperatures cause extremely rising formaldehyde emissions. The new developed special plywood RoHol F0 SaunaPly also emits at high temperatures (60°/90°/120° C) no formaldehyde, apart from natural wooden contents (corresponds of the new ÖNORM M6219-1).

### » Workmanship:

On account of the most different sauna constructions and installation situations as well as in the absence of generally valid norms we recommend to check the suitability of the respective processing and use criteria and to process according to the results.

*Due to past experiences our proven recommendations:*

- \* exclusively use V4A steel for your mounting material. Only this can protect your installation from a collapse and discolouring due to corrosion.
- \* Dressing your panels as long as possible in conditions like at the place of application.
- \* Also plywood is changes is dimension. Please consider that in your planning and make your customers aware of changing clearances.
- \* Flexible mounting materials like claw fasteners make it able that panels will move and prevent that mountings screws will not break.
- \* Constructions with e.g. „foreign tongue“, like SaunaPly -Connect from RoHol set new design possibilities and allow bigger changing clearances and have more tolerance to changing elements.
- \* Increase the number of mounting materials recommended of the producers to minimum 50%.The changes of climate raise higher tensions in the elements. With this you can prevent roughness of the surface.
- \* The SaunaPly glueing - system is developed for the application in rough climate conditions. Please be aware that the panels can dry quickly after moisturizing. SaunaPly is free of pesticides and ecologically compatible, that makes them prone to fungus. Dry surroundings are the best way to prevent them from fungus.
- \* Rear ventilated constructions and the application of vapour barrier before insulation material achieved best results.
- \* Please inform your customers that wood is a natural product. The colour change of wood a natural change and gets a fine patina and fine surface roughness.
- \* All these aspects are a exclusive properties of wood and are no reasons to claim.
- \* SaunaPly panels are not flame-resistant and not constructed to be exposed directly to the heat of the oven.

### » Thicknesses:

13; 16; 18; 26; 30; 39 mm, other thicknesses on request

### » Dimensions:

2500 x 1250 mm; 2500 x 1830 mm

### » Glueing:

D4 according DIN EN 204 respectively EN 314 Part 2 Class 2. The climate change demand was simulated in an internal test of several weeks.

### » Specific features:

The absolutely formaldehydefree glueing of the RoHol special plywood emits also at high temperatures (e. g. 90°C/120°C) no formaldehyde, isocyanate or biozid to the environment air. Through the special construction and glueing F0 SaunaPly emits even significantly less formaldehyde as solid wood and this at temperatures up to 120° C.

### » Variations:

These special plywood can be delivered on request veneered in 100 different species of wood respectively with HPL/CPL decks.

This technical information loses its validity due to a remake, caused on technical developments. Our information is based on newest technical findings and are constructed on best know - how. We could not take any commitment for a general validity of our recommendations, since application and manufacturing outside of our exercise of influence is, and, characteristics of individual cases a match of function regarding to professional point of view is necessary. Stay up to date and let us inform you constantly about technical changes and continous product developments.

Stand 16.05.2016

RoHol Vertriebs GmbH, A-4581 Rosenau am Hengstpass  
Tel.: +43 (0) 7566 600 0; Mail: office@rohol.at

[www.rohol.at](http://www.rohol.at)

