

**The alkus plastic sheet**

**Frame profile + plywood face**

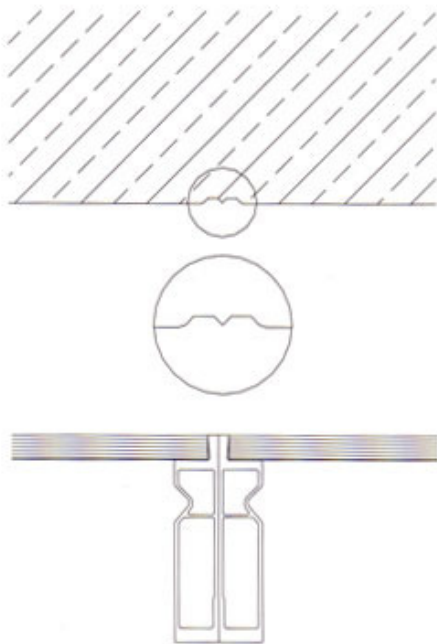


Fig. 5.1: Negative impression in the concrete when using panels with a conventional plywood face

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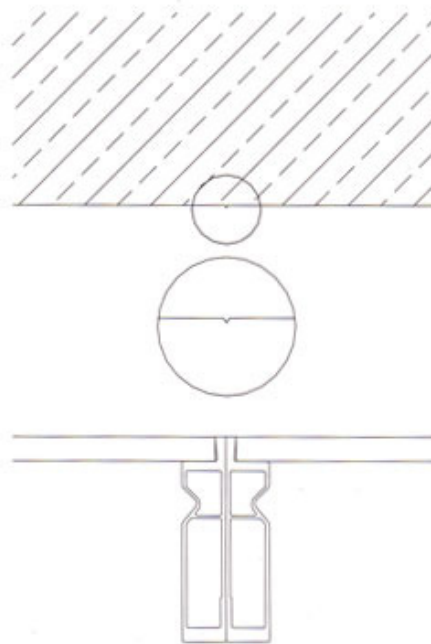


Fig. 5.2: Smooth and even concrete surface as there is no projecting profile of the panel frame

The new poly-propylene and aluminum composite forming face has all the positive properties of plywood plus important advantages: longer life span, greater load-bearing capacity, better nail-holding ability, fewer and easier repairs, 100 % recyclability.

Besides the obvious advantages, such as considerably reduced cleaning effort, minimum consumption of release agent and an excellent concrete finish, alkus offers substantial ecological benefits. Substituting plastic for wood saves valuable timber resources. Also, further releasing of highly toxic dioxin is avoided, which is released in the process of burning plywood (that is bonded with phenolic resin). Used or damaged alkus plastic sheets can be recycled into the same product. It is 100% recyclable, and the manufacturer guarantees reacceptance.

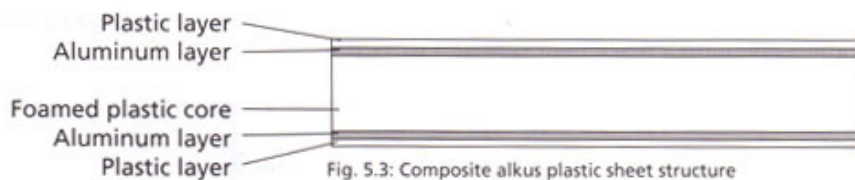


Fig. 5.3: Composite alkus plastic sheet structure