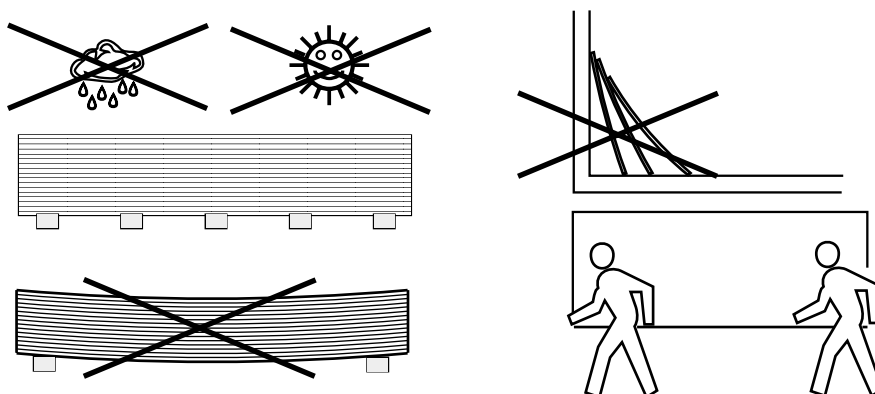


# Storing, machining, safety and maintenance

## Storing:

ELAM -boards should be stored inside in dry conditions protected from the sun light. The boards must not be stored in conditions under which the humidity considerably differs from final use. The boards should be stored horizontally on a level base. Wood supports must be placed quite close to each other (recommendation 400...600 mm distance) to prevent bending of the boards. Avoid storing the boards on the edge. Acclimatize the panels inside for at least of 24 hours before the installation.

The original packaging does not protect the material from rain or moisture. Do not place any loads on the packaged material. Don't glide the veneered panels against each other. Do not lift long panels from the ends.



## Machining:

Normal wood machining methods are suitable for ELAM -boards. The boards should be sawn with a hard metal (carbide) tipped blade. To avoid break-out of the surface a dense-toothed blade should be used for sawing of coated boards. Holes for wall plugs and switches should be made with a hard metal tipped key hole saw, an adjustable hole cutter or a jig saw. Sawing can create dust, which may be inconvenient for continuous sawing work. To make the work more comfortable the use of a saw equipped with dust removal or the use of a light face mask is recommended.

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## Cleaning:

### Lacquered and painted surfaces:

After installation the panel surfaces must be cleaned with a slightly moisten cloth. Dirt can be removed with cleanser made for lacquered wood surfaces. Be careful with some strong cleansers. If the lacquered surface is still dusty and dull, you can use cotton oil to restore beautiful silky gloss. Cotton oil must be handled with care, because there is a danger of self ignition of cloths used for spreading.

### High pressure laminates (HPL):

Cleaning with a slightly moisten cloth or with normal cleansers. No abrasive or wax containing agents.

### Vax-oiled surfaces:

Cleaning with a slightly moisten cloth. Only very mild dish washing agent can be used. Strongly soiled surfaces can be reworked with special oils of oil-producer. Oiled surfaces don't tolerate heat.

The colour and appearance figure of wood veneer wood can vary, which is typical for most wood species. Ageing and light darkens wood veneer.

## Safety:

Cement bonded particleboard consists of wood particles and Portland cement. The board includes no asbestos or formaldehyde.

The dust formed during the cutting of the board is alkaline. When alkalis come into contact with water or sweat, they can irritate the skin and respiratory organs. Because of this irritating effect and wood particles in the dust, we recommend the use of suitable respirators, gloves and dust-tight goggles if the dust level in air exceeds the value 5 mg/l.

Cement bonded particleboard meets all the requirements for biological and ecological building material in Germany.

### Composition of the cement bonded particleboard:

Wood particles	30 weight-%
Portland cement	70 weight-%

Composition of Portland cement:	
SiO <sub>2</sub>	17...25 %
Al <sub>2</sub> O <sub>2</sub>	3...8 %
Fe <sub>2</sub> O <sub>3</sub>	0,5...6 %
CaO	60...67 %
MgO	0,1...4 %
Na <sub>2</sub> O	0,1...1,5 %
K <sub>2</sub> O	0,1...1,5 %
SO <sub>3</sub>	1...3 %

**Total VOC-emission of wood veneered lacquered CBP under 10 µg/(m<sup>2</sup>xh)**