

6.2 Paints

Painting of CETRIS® board surface is a frequently used surface treatment. The application of a surface treatment to cement bonded particleboards must respect the composition of CETRIS® boards. First of all, it is necessary to realise that the basic cement bonded particleboard CETRIS® BASIC is a construction material with permissible minor defects in both the adjusting face and the back. Surface characteristics of CETRIS® cement bonded particleboards 1st The quality class is specified in the publication entitled Technical manual for architects, designers and manufacturers in *Chapter 2.6 Parameters of Shipped Boards*. The board's back side (provided with a digital print by the manufacturer) is more porous and may contain a greater numbers of minor defects than the front side.

Recommended procedure for paint application:

- Visible chips and bark should be removed from the surface before painting (using a stripping knife, for example). Places where the knife has cut into the surface for this purpose must be subsequently filled with a two-component polyester filler for outdoor environments. The same procedure is used for smoothing out minor surface irregularities (pits, grooves). The filler must be sanded. The painting itself may only start at least 18 hours after the filler has been sanded.
- The surface of CETRIS® boards to be painted must be dry, clean and degreased. Especially the edges, where dust and impurities from work (cutting, milling, etc.) may ac-

cumulate, must be paid special attention. That is why the edges must be sanded with 80-grade sandpaper before painting to remove all dust particles and other impurities.

- The board must first be covered with a primer (for surface stabilisation, absorption rate reduction and substrate unification). **The primer must always be applied to all sides – the face, the back and the edges!**
- Use paint shades recommended by their respective manufacturers for cement substrate.
- The product composition must use a homogenous system and comply with the prescribed technological procedures (especially the application method, technological breaks, etc.)
- Paints must contain pigments stable in alkaline environments. Unstable

pigments may lead to colour shade changes.

Boards with chamfered edges are recommended for aesthetic reasons.

A whole-area screed system must be used for concealed joints, see below.

Note: When renewing older paints, the existing paint condition and type (composition) must be considered. The board surface must be roughened and cleaned before repainting. The repainting is recommended to be done using a paint with the same composition as the original paint.

- 1 CETRIS® cement bonded particleboard
- 2 primer
- 3 top coat
- 4 permanently elastic gap fill
- 5 dilation joint

