



PROPER PREPARATION OF THE SUBSTRATE FOR GLUING

Proper preparation of the substrate is the basis for successful laying of floor coverings. It must be flat, finely processed (smooth), hard, dry and well cleaned of dust, grease and other impurities. The concrete base must be at least 4–6 weeks old, and the humidity can be at most 2 % (carbide method). Humidity of wood flooring and parquet can be a maximum of 9 %. Checking the substrate is very important when laying wood paneling. Residues of adhesives, coatings, paints, old floor coverings, leveling compounds and residues of poorly bonded parts of the substrate that could affect poor adhesion must be completely removed by sanding or sandblasting with a suitable machine. Remove dust and small dirt using a suitable vacuum cleaner. Coat absorbent and porous substrates with a suitable primer, depending on the substrate and the type of adhesive used. Apply to the reaction primers (sprinkled with dry quartz sand) within 24–48 hours to achieve optimal adhesion to the surface. In case the surface needs to be leveled (very uneven or rough surfaces), use a suitable leveling compound. The optimal temperature of the space and the material to be glued is 18–25 °C, and the relative humidity is 65 %. The minimum substrate temperature is +15 °C. The optimal operating conditions for each adhesive are described in the technical information.



Chromoden®

CHROMODEN
ADHESIVES
AND PRIMERS



Successful and quality laying of parquet as well as durability of installation depend on many factors. The causes of most parquet damage are in the wrong and incorrect preparation of the substrate. In order to get a perfectly flat floor surface, the correct combination of substrate, primer and adhesive that matches the selected parquet is extremely important.

Depending on the type and condition of the substrate, Chromos offers an optimal system of primers and adhesives for gluing all types of parquet.

WHY USE PRIMERS BEFORE GLUING PARQUET?

- Deep penetrations into the substrate.
- Prevent dusting of the substrate.
- Connect loose particles of the substrate.
- Reduce and equalize the absorbency of the substrate.

FINAL RESULT

- stronger glued joint,
- reduced adhesive consumption,
- lower price of glued joint.

CHOOSING THE RIGHT ADHESIVE DEPENDS ON:

- type and condition of the substrate,
- type of parquet,
- width and length of parquet,
- available time for parquet installation.



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	CHROMODEN PR 15	CHROMODEN PR 20	CHROMODEN PR 24	CHROMODEN PR 25	CHROMODEN PR 35	CHROMODEN D 110	CHROMODEN D 111	CHROMODEN S 130	CHROMODEN PU 259	CHROMODEN PU 260	CHROMODEN E-PU 280
	One-component primer based on synthetic resin for preparing cement-based surfaces prior to applying water-based adhesives – CHROMODEN D 110 and D 111.	One-component primer based on synthetic resin for preparing cementitious and anhydrite screeds prior to applying Chromoden S 130 adhesive as well as anti-dust consolidating primer prior to applying Chromoden 2K adhesives.	One-component primer based on synthetic resin for anti-dust consolidation prior to applying Chromoden 2K adhesives.	One-component primer based on an isocyanate for preparing absorbent and non-absorbent substrates prior to applying Chromoden 2K adhesive. Used for anti-dust substrate consolidation; cementitious substrate consolidation and for moisture control – for cementitious substrates with a moisture content up to 3 % CM.	Two-component primer based on epoxy resins for: moisture control – for cementitious substrates with a moisture content up to 4 % CM; substrate consolidation – on concrete, cement and anhydrite screeds and refurbished substrates; adhesion promotion – for broadcast mastic asphalt and old adhesive residues.	One-component water-based adhesive for gluing conventional strip parquets stripes to concrete, wooden and similar absorbent substrates.	One-component water-based adhesive for gluing conventional and lamellar strip parquets stripes to concrete, wooden and similar absorbent substrates.	One-component solvent-based adhesive for gluing strip and lamellar parquet, mosaic wood flooring, on-edge wood flooring, multi-ply/pre-finished wood flooring and exotic timbers on absorbent substrates.	Two-component polyurethane adhesive for gluing strip and 10 mm solid wood parquet, laminated parquet laid on edge, prefabricated, panel and lamellar parquet on absorbent and non-absorbent subfloors.	Two-component polyurethane adhesive for gluing strip and 10 mm solid wood parquet, laminated parquet laid on edge, prefabricated, panel and lamellar parquet on absorbent and non-absorbent subfloors.	Two-component epoxy-polyurethane adhesive for gluing strip and 10 mm solid wood parquet, laminated parquet laid on edge, prefabricated, panel and lamellar parquet on absorbent and non-absorbent subfloors.
	<ul style="list-style-type: none"> Prevent dusting of the substrate. Connect loose particles of the substrate. Reduce and equalize the absorbency of the substrate. 	<ul style="list-style-type: none"> Prevent dusting of the substrate. Connect loose particles of the substrate. Reduce and equalize the absorbency of the substrate. 	<ul style="list-style-type: none"> Deep penetrations into the substrate. Prevent dusting of the substrate. Reduce and equalize the absorbency of the substrate. 	<ul style="list-style-type: none"> Deep penetrations into the substrate. Connect loose particles of the substrate. Reduce and equalizes the absorbency of the substrate. 	<ul style="list-style-type: none"> Reduces and equalizes the absorbency of the substrate. Shortens the time of parquet installation. Suitable on old substrates when are properly prepared. 	<ul style="list-style-type: none"> Does not contain substances harmful to humans and the environment. It is suitable for gluing parquet insensitive to moisture. For parquets up to 30 cm long and 5 cm wide. 	<ul style="list-style-type: none"> Does not contain substances harmful to humans and the environment. It is suitable for gluing parquet insensitive to moisture. For conventional parquets up to 30 cm long and 5 cm wide. 	<ul style="list-style-type: none"> Especially suitable for all types of moisture-sensitive parquet. For absorbent and less-absorbent substrates. For parquets up to 50 cm long and 7 cm wide. 	<ul style="list-style-type: none"> Longer pot life compared to standard 2K PU adhesives. Higher temperature resistant, suitable for underfloor heating. For parquets up to 250 cm long and 14 cm wide. 	<ul style="list-style-type: none"> Fast curing, walkable after 4 hours. Higher temperature resistant, suitable for underfloor heating. For parquets up to 250 cm long and 14 cm wide. 	<ul style="list-style-type: none"> Easy to remove from prefinished wood flooring. Slower curing which allows dimensional adjustment of unstable wood such as beech and ash. For parquets up to 100 cm long and 7 cm wide.
DRYING	Initial – approx. 2-4 Hours	Initial – approx. 2-3 hours, under the normal conditions (cementitious screeds) – before applications of solvent based adhesive approx. 12-24 hours, under the normal conditions (cementitious screeds) – before applications of Chromoden 2K adhesives approx. 24 hours, under the normal conditions (anhydrite screeds)	Initial – approx. 4-8 h	Initial – approx. 4-8 h	Initial – approx. 10-12 h						
final	24 hours	24 hours	24 hours	Final – 3 days	Final – 7 days						
POT LIFE					30 min				Approx. 60-75 min	Approx. 45-60 min	Approx. 120 min
OPEN TIME						25-30 min	25-30 min	Approx.10-15 min	30 min	30 min	30 min
POLISHING						After 7 days	After 7 days	After 7 days	After 3 days	After 24 hours	After 3 days
CONSUMPTION	0,18-0,20 l/m ² ; diluted 2:1 (Chromoden PR 15 : water)	0,18-0,22 l/m ²	0,10-0,15 l/m ²	0,10-0,15 l/m ² – anti-dust consolidation 0,18-0,23 l/m ² – substrate consolidation 0,18-0,23 l/m ² /coat – moisture control	0,4-0,6 kg/m ² (two coats)	0,8-1,2 kg/m ² , depending on the type of substrate and using trowel	0,8-1,2 kg/m ² , depending on the type of substrate and using trowel	0,8-1,2 kg/m ² , depending on the type of substrate and using trowel	0,8-1,3 kg/m ² , depending on the type of substrate and using trowel	0,8-1,3 kg/m ² , depending on the type of substrate and using trowel	0,8-1,3 kg/m ² , depending on the type of substrate and using trowel
PACKAGING	5 l	4 l	4 l	4 l	Component A + B (6,5 kg + 3,5 kg)	5 kg, 25 kg	5 kg, 25 kg	14 kg	Component A (9 kg, 13 kg) + B (10,9 kg, 1,3 kg)	Component A (10 kg.) + B (1,5 kg)	Component A (9 kg.) + B (1,75 kg)