TECHNICAL DATA SHEET

PARABOND MARINE PARQUET

CHARACTERISTICS

- Hybrid polymer based adhesive sealant
- For use in the shipping industry and sealing of parquet
- Bonds also with slightly moist supports
- Does not cause any corrosion in metal joints
- Suitable for use with natural stone
- Solvent, isocyanate and phthalate free
- Can be sanded
- Paintable with most water and solvent based paints
- Permanently elastic
- U.V. and weather-resistant
- High resistance against sea water in case of non-continuous immersion

APPLICATIONS

- For interior and exterior use.
- As a universal glue and adhesive for use in the shipping industry and sealing of parquet, extremely suitable for sealing horizontal (and vertical) floor joints in decks of ships and connecting joints for parquet.
- Waterproof sealing of seams in teak-wood decks, bonding and sealing of skirting boards, gluing of cornices, sealing of deck/hull joints, gluing and sealing of portholes and hatches.
- Bonds without primer on almost all materials used in the construction industry, such as aluminium, galvanized and stainless steel, zinc, copper, natural stone, concrete, brick, HPL panels, treated wood, gypsum, glass, various synthetic materials, etc.

TECHNICAL CHARACTERISTICS	
Basic ingredient	Hybrid polymer
Curing system	By means of humidity
Number of components	1
Skin formation time (23°C and 50% R.V.)	35 min.
Vulcanisation rate (23°C and 50% R.V.)	2,5 - 3 mm after 24 h
Density : ISO 1183	1,47 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months
Shore A hardness : ISO 868	40
Joint movement capacity : ISO 11600	25%
Modulus at 100% elongation : ISO 8339	0,70 N/mm²
Elongation at break : ISO 8339	200%
Modulus at break : ISO 8339	1,00 N/mm²
Solvent & isocyanate content	0%
Dry matter content	ca. 100%
Temperature resistance	-40°C - +90°C
Extremely good moisture resistance and not sensitive to frost	

PACKING AND COLOURS
25 cartridges of 290 ml/box - 48 boxes/pallet
Oak, black

Other colours are available on request (75 cartridges or multiples).

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METHOD OF USE

Preparation
The support must be fixed and rigid. The support may be slightly damp. The materials to be joined must be clean and free from dust and grease. If necessary, degrease using **Parasilico Cleaner**, MEK, alcohol, or ethanol.

Primers
For strongly absorbent supports it is recommended to use **DL 2001 Primer.** It is advisable to do bonding tests. It is the user's responsibility to check whether the product is suitable for his application. Our technical department could be consulted.

Application
- Proper ventilation during processing and during the hardening is important.
- Apply **Parabond Marine Parquet** with the supplied nozzle in strips or dots to the base or on the element to be bonded. The strips must be applied in vertical rows. Apply the strips parallel to each other, to allow the humidity to reach the adhesive between the strips.
- Bring together the parts to be joined as quickly as possible, at least within 10 minutes (this depends on the temperature and relative humidity level). The parts can at this stage still be adjusted
- Finally, push down one over the other well or tap with a rubber hammer.

Tooling
If desired, smooth surface before skin formation with the tooling agent **DL 100** and a scraper.

Cleaning
Any adhesive that may protrude along the edges can be removed using a stopping knife. Adhesive residue that has not yet dried, can be removed using **Parasilico Cleaner.** Dried adhesive must be removed mechanically.

Painting
Paintable with most water and solvent based paints. After 48 hours, the surface must be cleaned first before it can be painted. Pre-testing is necessary. Alkyd paints might require an extended drying time.

SAFETY
Please consult the safety data sheet online: www.dl-chem.com.

LIMITATIONS
- Permanent exposure to high relative humidity may cause fungal growth.
- Not suitable for joints with a width or depth < 5 mm.
- No adhesion on PE, PP, PA, PTFE (Teflon®) and bituminous substrates.
- On bituminous surfaces: use **Paraphalt** for this purpose.
- On polycarbonate and polyacrylate: use **Parasilico PL** for this purpose.
- Do not use as a glazing sealant.
- Not suitable for permanent immersion.

TECHNICAL APPROVALS

* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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