



BASICOLL STP-750

BC-0750

Basin®

a base for a better living

TECHNICAL DATASHEET 1/4

This universal and hybrid polymer 1 component adhesive is based on the STP technology and is suited for bonding all types of parquet: massive, semi-massive, multi-layer, mosaic and industrial on most used subfloors in the construction industry (cement, anhydrite, wood, stone, etc.) as well as on underfloor heating.

Pay attention: for massive floorboards with a width of more than 190-200 mm we recommend BASICOLL STP-850 BC-0850.



TECHNICAL INFO

Base

Polymer adhesive on a revolutionary basis with a high elastic recovery

Appearance

Beige colour
(can slightly differ)

Density

$\pm 1,70 \text{ g/cm}^3 \pm 0,05$

Viscosity

(at 25 °C)
 $\pm 85.000 \text{ mPas} \pm 5.000$
(spindle 95, speed 20)

Dry matter content

$\pm 96 \%$

Temperature resistance

(after polymerisation)
-5 to +40 °C

Shrinkage

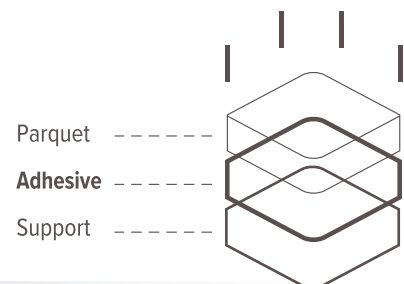
Nil

Resistance to ageing

Excellent

Drying time

12 hours = walkable
24 hours = sandable and finishable



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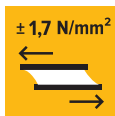
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Iconography



Indoor

This product is suitable for indoor application.



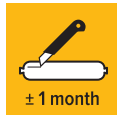
Shear Strength

The shear strength is $\pm 1,7$ N/mm².



Elasticity

The stretch distance of the glue is $\pm 1,2$ mm.



Product Life

After opening the flexpack one can use it, if closed airtight, for ± 1 month.



Open Time

After applying the glue one has to apply the wooden boards within ± 30 minutes to guarantee the proper/correct bonding.



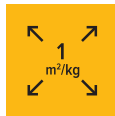
Drying Time

The parquet is carefully walkable after minimum 12 hours and can be sanded and finished after minimum 24 hours. Complete hardening after 72 hours.



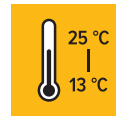
Spatula

Use a BASIN n°3- or n°4-spatula (view 'Preparation of tools' on page 3 for more information).



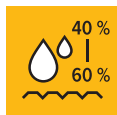
Consumption

The consumption is 750 g/m² with spatula n°3 TKB 7 and 1.000 g/m² with spatula n°4 TKB 15.



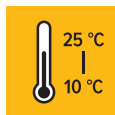
Temperature

This product can only be applied at a temperature of 13 to 25 °C.



Humidity

This product can only be applied at a humidity of 40 to 60 %.



Storage Temp.

This product can be stored at a temperature of 10 to 25 °C.



EXP Date

Expiry date of ± 12 months, when stored in a dry space, in the airtight sealed and undamaged original packaging and protected from immediate exposure to the sun.



Packaging

This product is available in flexpacks of 2,5 kg as well as in boxes of 6 x 2,5 kg.



VOC Level

This product contains very little trace of Volatile Organic Compounds ($> 0,00$ g/L) after 28 days of hardening (2010/75/EU).

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Preparation of foundation

The foundation needs to be free of dust, dirt and grease as well as dry, flat, solid and without any fragile parts. Impurities such as paint or a white film must be removed. The construction and implementation prescriptions of the WTCB TVN 218 standard must be respected.

Attention: we recommend always testing the adhesion of the adhesive on every foundation. When in doubt, always contact our technical service.

Anhydrite floors: these must be sanded with an adapted disc to remove the laitance and cannot be glossy. If the floor is sanded and has a matt appearance, the adhesion will be optimal. After this the floor must be thoroughly vacuumed. Direct yourself to your floor supplier for further information and to validate the working process.

Ceramic/stone: varnished ceramic substrates, older tiles, stone and marble need to be completely degreased with an appropriate detergent (BASIN INTENSIVE CLEANER AD-9300), acid or soda-bicarbonate, and the entire foundation needs to be sanded. Always perform a small bonding test before starting the actual work.

Attention: contact our services for further information about other substrates.

Preparation of tools

It is highly recommended to use the BASIN spatula n°3 TKB7 (SPATEL3) for mosaic parquet, 10 mm glulam and laminated flooring, and BASIN spatula n°4 TKB15 (SPATEL4) for massive and semi-massive parquet, multi-layer and large surfaces. Also provide enough cloths (HWZ-073) to both wipe off the spatula and to catch the excess glue with. Furthermore, keep acetone (TH-1391) on hand to clean the tools with.

Attention: the consumption of BASIN spatula n°3 TKB7 (SPATEL3) is $\pm 750 \text{ g/m}^2$ and that of BASIN spatula n°4 TKB15 (SPATEL4) $\pm 1.000 \text{ g/m}^2$.

Humidity of foundation

If the humidity of the foundation is above 2,5 % or if there is a risk of rising water, we highly recommend using our water-based epoxy 2-component primer BASIGROND 200 BG-0200A+B (layers of $300 \text{ g/m}^2/\text{layer}$; sprinkle QUARTZ SAND AD-0200 in the second layer, 200 g/m^2). The foundation must be free of dust, dirt and grease. Sand, if necessary, the complete surface with an adapted machine. Before bonding, the surface must be thoroughly cleaned with an industrial vacuum cleaner. To remove dust residue on very porous substrates, we recommend using our BASIGROND 100 BG-0100 primer (1 layer or $0,150 \text{ m}^2/\text{layer}$).

ADVANTAGES

Ecological

This product contains almost no solvents, isocyanates, VOCs or heavy metals.

Technical advantages

This product has a strong general adhesion on most mineral foundations and the necessary permanent elasticity. The adhesive absorbs walking sounds and compensates the tension between the parquet and the substrate.

No odour nuisance

Does not stain

Strong and fast binding

Excellent stability of the grooves

Anhydrous

No wood dilatation



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Application

Attention: when positioning, the environment temperature must be between 13 and 25 °C and the relative air humidity between 40 and 60 %. If necessary, heat and ventilate the space (acc. IVK-guidelines). Check before positioning if the space is dry enough and if there is no wind. It's also important to check if the masonry and sealing are dry enough. In order to obtain a good positioning it is recommended to allow the adhesive to acclimatize a few days before.

1. Let the parquet acclimatize by storing it, out of the packaging, in the intended room at least 3 days before positioning. The humidity of the parquet needs to be between 8 and 11 % before positioning. When working with exotic wood it is recommended to degrease the parquet with acetone (TH-1391) and let these dry. **2.** There has to be an expansion joint between the wall and the parquet of a size between 10 to 15 mm around the entire space by using adapted wedges. **3.** Cut an end of the flexpack open with a cutter or scissors. **4.** Squeeze on the other side of the flexpack to extrude the adhesive out. **5.** Apply the adhesive by putting one or various dots onto the subfloor. **6.** Spread the adhesive evenly with the aid of a notched spatula. **7.** Put the intended pieces in the still moist, adhesive bed. Apply enough pressure to ensure a complete and even adhesion. **8.** Remove the adhesive stains immediately with a clean cloth drenched in acetone (TH-1391). The hardened adhesive can be removed mechanically without leaving stains on the surface of the parquet.

Deployment

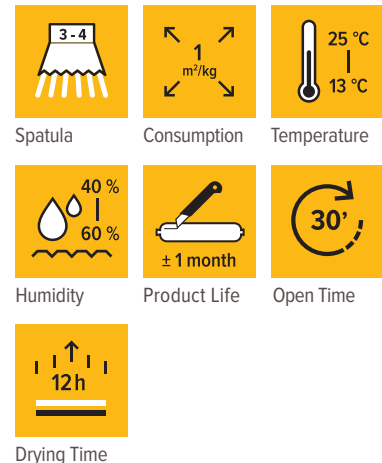
It is possible to carefully walk on the treated parquet after a drying time of 12 hours. After a drying time of minimum 24 hours the parquet can be sanded and finished. Complete hardening will occur after 72 hours.

Cleaning of tools

Clean the used spatula(s) immediately after use with the BASIN ALL PURPOSE CLEANER (TH-0609W). Let the cloths with glue residue dry out and dispose of them, together with the empty flexpack, at the proper waste disposal.

Disclaimer

Due to the versatility of the products, application possibilities and application processes, this information is only given with the purpose to inform. It is highly recommended to check by yourself prior to performing the final works. Our experience has taught us that every user develops his own way of working. This information was provided, oral or written, on the explicit demand of the client. This information is given in good faith and based on the current experience of Basin ChemEco nv. There cannot be inferred by any means any responsibility on behalf of Basin ChemEco nv. Prices can change - the technical files can be modified by Basin ChemEco nv at any time without preceding inform - Basin ChemEco nv is not responsible for results caused by incorrect use of the product & instructions such as e.g. quantities, timing, choice of material, temperature, subsoil, influence of light etc. No guarantee whatsoever is given for a renovation.



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