

# eurocol

# 522

the strong connection



## EUROSAFE TACK

One-sided pressure sensitive and wet set adhesive, for installation of floor-, wallcoverings and ceiling, thermally activated bonding, contact adhesive.

### PRODUCT TYPING

|             |                     |
|-------------|---------------------|
| Base        | Acrylic dispersion. |
| Consistency | Thick liquid.       |

- Provides very high initial tack, strong, dispersion-based adhesive for wet-set, one-side-pressure sensitive and contact bonding
- For bonding of vinyl-, CV- floor coverings in sheets, insulation mats.
- For laying on standard-compliant, fully levelled, absorbent subfloors.
- Also for laying on non-absorbent subfloors, like old vinyl floor coverings (one-side-pressure sensitive bonding) in combination with 900 Europlan DSP as membrane for migration of plasticizers out of old floors.
- Can also be used for wall covering installation.
- Can be used as contact adhesive (e.g. for heavy wall coverings, impact wall coverings in sports facilities).
- Can be thermally activated after drying.
- Castor wheel resistant according to DIN EN 12529.
- For indoor use only.

### PROPERTIES

|                  |                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------|
| Consumption      | 220 - 270 g/m <sup>2</sup> , depending on the back of the floor covering and condition of the subfloor. |
| Flammability     | Non-flammable.                                                                                          |
| Frost resistance | No.                                                                                                     |
| Special quality  | one side pressure sensitive adhesive                                                                    |
| Specific weight  | 1.33 kg/l                                                                                               |

### APPLICATION

For bonding of

- vinyl- floor coverings in sheets,
- CV- floor coverings in sheets,
- insulation mats.

### PROCESSING

|         |                                                                       |
|---------|-----------------------------------------------------------------------|
| Storage | Store cool and free from frost.                                       |
| Tools   | Spreader A1/A2 (TKB). Type of spreader depends on the floor covering. |
| Curing  | Approx 24 hours. *                                                    |

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|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Open time    | 90 minutes.*                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Waiting time | App. 10-90 minutes. *                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Shelf Life   | Approx 15 months, in unopened packaging. After use close the open packaging well.                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cleaner      | Water.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Remarks      | <p>Technical information and safety data sheets of any laying materials and floor coverings used must be observed!</p> <p>Allow floorings to air condition in the rooms before laying. The coverings must be relaxed and laid flat. During the setting phase, the direct influence of heat/solar radiation, dynamic and point loads must be avoided.</p> <p>Do not weld the coverings until the following day at the earliest.</p> <p>Wear protective gloves / eye protection.</p> |

*\* The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

#### Substrate:

- The substrate must be pressure- and tension-resistant, permanently dry, free of cracks and dust, even and free of layers that reduce adhesion.
- Adhesion-reducing layers, old material residues must be removed by suitable mechanical measures in accordance with the specifications of DIN 18365.
- For levelling the substrate use recommended Eurocol levelling compounds/primers.
- The installation materials to be used must be suitable for the substrate and the intended use.

#### Instruction manual:

- Before use, temper the product according to the processing conditions.
- Stir before use!
- Depending on the type of flooring, apply the adhesive with a notched trowel to the subfloor over the entire surface and evenly without adhesive nests. The back of the flooring must be completely wetted with adhesive in scored format. Worn-out spatulas need to be replaced in time to guarantee the minimum adhesive consumption.
- Coverings must be laid in the adhesive bed which is still wet.
- The necessary flash-off time depends on the amount of adhesive (toothed strip), temperature, humidity and the absorbency of the subfloor.  
When finger-testing, the adhesive must have a soft centre, must be tacky, pull threads, but must not smear.
- Depending on the room climate and the absorbency of the substrate, the air-conditioned covering should be pushed into the adhesive bed immediately or after the flash-off time specified in the technical data, rubbed in and rolled on. Air pockets under the covering must be avoided or removed immediately.
- Head ends and non-flat covering edges must always be rolled in.
- If necessary, rub or roll the top ends, seams or other hollow areas again approx. 15 minutes after installation.

#### **Special instructions:**

##### **Wet/one-side gluing:**

- If the substrate is absorbent, allow the adhesive to flash off for approx. 10 - 15 minutes (skin formation) and lay the covering in the still relatively damp adhesive bed and rub/roll it in.
- Within the working time of approx. 30 minutes, but as a wet adhesive, lay the adhesive, rub down well immediately and roll the surface vigorously.

##### **Pressure sensitive adhesive**

- In the case of non-absorbent substrates and impermeable coverings, the adhesive must flash off completely.
- Flash-off time approx. 30 - 90 minutes depending on the room climate conditions.

##### **Contact bonding**

- Apply the adhesive to the substrate and the back of the covering and allow to dry in the same way as the pressure-sensitive adhesive.
- Within the contact bonding time of approx. 90 minutes, lay the covering and rub down well. Corrections are no longer possible!

The adhesive can be reactivated with heat within a few days. To do this, heat the covering and substrate to approx. 70 - 80°C (welding device) and carry out the bonding process in the same way as for contact bonding.

##### **Adhesive Roll - System**

- The adhesive, applied with a toothed strip, is immediately rolled out with Eurocol Microfibre Roller. This shortens the flash-off time and the tendency of coverings to indentations under early loading, as well as the marking of Scoring and the tendency to re-soiling

#### **Working conditions:**

At least 15 °C floor temperature,  
at least 18°C material and room temperature,

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35-75% relative humidity, recommended <65%.

## ENVIRONMENT AND HEALTH

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GISCODE                    | D1                                                                                                                                                                                                                                                                                          |
| LEED                       | VOC 60,7 g/l                                                                                                                                                                                                                                                                                |
| DGNB                       | VOC 3,95 %, quality level: 1                                                                                                                                                                                                                                                                |
| Safety and environment     | Safety data sheets of Forbo Eurocol products according to EEG-guideline 91/155. Keep out of reach of children. Do not eat, drink or smoke while processing the product. Only give completely empty containers for recycling. Bound material residues can be disposed of as household waste. |
| MSDS                       | For detailed information about the safety measures please refer to the safety information sheet on our website <a href="http://www.forbo-eurocol.de">www.forbo-eurocol.de</a> .                                                                                                             |
| Substances causing allergy | Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction                                                                              |

## ITEM DATA

| Article | Productname   | Packaging         | Shipping unit |
|---------|---------------|-------------------|---------------|
| 522     | Eurosafe Tack | PE bucket à 13 kg | 44/pallet     |
| 522     | Eurosafe Tack | PE bucket à 6 kg  | 72/pallet     |
| 522     | Eurosafe Tack | PE bucket à 20 kg | 32/palett     |

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed. This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work. The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content. As use, processing- and storage conditions on site are beyond manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties. Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be followed by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use.

This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

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