

## PRODUCT DATA SHEET

# SCHÖNOX® DUROCOLL

Very low emission, fiber reinforced, strong dispersion adhesive



### DESCRIPTION

SCHÖNOX® DUROCOLL is a fiber reinforced, strong dispersion adhesive, suitable for gluing PVC-design coverings (LVTs), PVC- and CV-floor coverings as well as needle-felt coverings on absorbent substrates. Suitable for interior use.

### USES

SCHÖNOX® DUROCOLL is suitable for bonding:

- Luxury vinyl tiles (LVT)
- PVC and CV floor coverings
- textile coverings with PVC backing
- single or multi-layer needle felt
- Schönnox® TS and other impact sound insulation underlays

on suitable absorbent substrates in living- and business areas (interior).

### CHARACTERISTICS / ADVANTAGES

- For interior use
- The strong elastic adhesive groove counteracts to dimensional changes of the covering.
- Fibre reinforced
- Plasticizer-resistant
- Suitable for wet bonding
- Solvent-free according to TRGS 610
- Low odour
- Low consumption/high coverage
- Suitable for shampooing according to RAL 991 A2
- Suitable for application with subfloor heating systems
- Hard-elastic glue line
- Short waiting time
- Easy to apply
- Very high final strength
- Rapid development of adhesion strength

### SUSTAINABILITY

- Emission tested building product according to DIBt-principles – approval no.: Z-155.20-168
- EMICODE EC1 PLUS: "very low emission"
- Acc. to ISO 14025 and EN 15804, EPD-DIV20140058-IBG1-DE

### APPROVALS / CERTIFICATES

Suitable for castor wheels in accordance with EN 12529

### PRODUCT INFORMATION

Composition	Synthetic resin dispersion with bonding additives
Packaging	14 kg plastic pail
Colour	Cream-beige

<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	Store in undamaged, original sealed containers, in dry, cool and frost-proof conditions. Do not store at temperatures below +5 °C. Opened pails should be closed immediately and consumed as soon as possible. Remove any skin that has formed, do not stir in.
<b>Density</b>	~ 1,25 kg/l

## APPLICATION INFORMATION

<b>Consumption</b>	<ul style="list-style-type: none"> <li>▪ Notched trowel TKB A1-A2: 250 - 300 g/m<sup>2</sup></li> <li>▪ Notched trowel TKB B1-B2: 350 - 450 g/m<sup>2</sup></li> </ul>
<b>Substrate temperature</b>	During laying and until SCHÖNOX® DUROCOLL has fully cured, the substrate and ambient temperatures shall be between +15 °C and +35 °C and between +20 °C and +35 °C with underfloor heating.
<b>Curing time</b>	<p>Drying time: ~ 24 hours  Final strength: After ~ 72 hours</p> <p>Values are approximate and subject to local climatic fluctuations and vary according to the absorbency of the substrates and the applicator device.</p>
<b>Skin time / laying Time</b>	<p>~ 20-30 minutes</p> <p>Value is approximate and subject to local climatic fluctuations and varies according to the absorbency of the substrates and the applicator device.</p>
<b>Flash-off time</b>	<p>~ 5-20 minutes</p> <p>Value is approximate and subject to local climatic fluctuations and varies according to the absorbency of the substrates and the applicator device.</p>

## APPLICATION INSTRUCTIONS

- The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance and other poorly adhering contaminants must be removed.
- SCHÖNOX® DUROCOLL adheres without primers and/or activators.
- The subfloor must meet the requirements of national standards, must have good compression and tensile strength and has to be even.
- Defective subfloors shall be treated by taking appropriate measures e.g. grinding, milling, vacuuming or priming.
- To produce an absorbent, even subfloor, a cement based leveling compound shall be used, e.g. Sika-floor® Level-200 or -300 Extra. For appropriate layer thicknesses refer to the relevant valid data sheets.
- Mastic asphalt and other non-absorbent subfloors may require specific self-leveling compound layer thicknesses. For appropriate layer thicknesses refer to the relevant valid data sheets.
- Concrete and/or cement screeds must be ground and thoroughly cleaned with an industrial vacuum.
- When installing floor covering with underfloor heating, existing measuring points have to be checked regarding the moisture content of the subfloor.

### SUBSTRATE PREPARATION

Substrate must be of adequate strength, load bearing capacity, dimensionally stable and permanently dry and free from residues which reduce adhesion, such as dust, dirt, oil, fat and loose particles. Sound, even surfaces with absorbency level appropriate for applic-

ation are achieved by using Sikafloor® levelling compounds, at a layer thickness of at least 2mm, for vapor proof coverings, as well as on non-absorbent substrates. In order to achieve the substrate requirements for the specific coverings, refer to the technical product information of the covering manufacturer. The requirements of the relevant valid standards, guidelines and data sheets apply.

### APPLICATION METHOD / TOOLS

Stir SCHÖNOX® DUROCOLL well before use. The adhesive has to be applied on the subfloor with a trowel. The type of trowel depends on the subfloor and the backing of the floor covering (refer to Consumption). Always assure sufficient transfer of the adhesive to the floor covering backing. For wet phase bonding the floor coverings have to be laid in the relatively moist adhesive. All types of floor coverings need to be rubbed down well with an articulated floor roller, especially along the seams. After a waiting time of ~15 minutes the floor covering has to be rubbed down again. Avoid direct sunlight, direct high temperatures, dynamic stress and pointed stress. The guidelines of the floor covering manufacturer apply.

### CLEANING OF EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Hardened / cured material can only be mechanically removed.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

### Sika Hellas ABEE

15 Protomagias Str.  
14568 Kryoneri  
Attica-Greece  
Tel.: +30 210 8160 600  
Fax: +30 210 8160 606  
www.sika.gr | sika@gr.sika.com



Product Data Sheet  
SCHÖNOX® DUROCOLL  
August 2020, Version 01.01  
02051203000000038

SCHNOXDUROCOLL-en-GR-(08-2020)-1-1.pdf