



The Chemical Company

## DEPRON® G3 - DEPRON® G6

### Extruded Polystyrene Based Condensation Preventing Sheet

#### Description of Product

**DEPRON®** is an extruded polystyrene based condensation preventing sheet in 3 mm and 6 mm thicknesses.

#### Fields of Application

- In inner areas.
- In exterior walls of buildings.
- To prevent heat loss on the back side of the radiators.
- In concrete and wooden pavements.
- In heat and sound insulation under parquets.
- In places where non-humid, dry, and healthy living spaces are desired.

#### Advantages

- Easy to apply.
- Can be coated by wallpapers.
- Prevents molding and swelling of paints.
- Doesn't cause thickness in the sides of woodwork and doesn't overflow from the frames of the woodwork.
- Application surface may be coated by primer reinforced thin ready to use plaster or gypsum plaster.

#### Application Procedure

##### Surface Preparation

Surfaces have to be dry and clean. Surface must be cleaned off from degraded paints and wallpapers. Disordered surfaces must be repaired by suitable repair mortars (**Yapkret®** series). Surfaces with Gypsum-plywood and gypsum plaster must be primered by **Astar® A**.

##### Application

On smooth surfaces, adhesion is realized by applying **Likit Membran®** on the surface and plate by rolls. On surface where adhesion thickness is needed, **DEPRON®** should be adhered by **Ultrafleks®** by using a suitable serrated trowel. Plates should be adhered on the surfaces side by side and from the top to the bottom, without any space that can form a heat bridge. **DEPRON®** plates should be checked for total adhesion and must be waited for 24 hours for total adhesion.

#### Technical Data

DEPRON®	3 mm	6 mm
Structure of the Material	Extruded polystyrene	Extruded polystyrene
Color	White	White
Density	40 kg/m <sup>3</sup>	30 kg/m <sup>3</sup>
Heat Conductivity	λ 0,035 W/MK	λ 0,035 W/MK
Heat Permeability Strength	0,082 m <sup>2</sup> K/W	0,17 m <sup>2</sup> K/W
Service Temperature	-60°C +70°C	-60°C +70°C
Water Absorption	None	None

Obtained in +23°C, 50% relative humidity conditions. Higher temperatures decrease the time, lower temperatures increase the time.



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## Watchpoints

- **DEPRON®** coated environments give maximum comfort only under healthy heating and ventilation conditions.
- In **DEPRON®** coated environments, big furniture must be placed at least 15 cm away from walls for efficient ventilation.

## Packaging

**DEPRON® G3** : 40m<sup>2</sup> box  
**DEPRON® G6** : 20m<sup>2</sup> box  
Sheet dimensions : Folded 2 x (125 cm x 80 cm)

## Storage

Must be stored in suitable conditions.

## Shelf Life

Unlimited after the production date under appropriate storing conditions.

## Health and Safety Precautions

Work cloth, protective gloves, goggles and masks concordant with Work and Worker Health rules must be used during the application. Due to irritant effects of the non-cured material, avoid contact to skin and eyes during storing and application. If such a contact occurs, it must be washed by soap and plenty of water. Consult a physician urgently if swallowed. Food and drink must be kept outside the application areas. Must be stored away from children. Please look at the Material Safety Data Sheet for detailed information.

## Disclaimer

This information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, BASF Yapı Kimyasalları San. A.S. is only responsible from the quality of the product. BASF Yapı Kimyasalları San. A.S. cannot be hold responsible from the results caused by applications of the product not in accordance

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