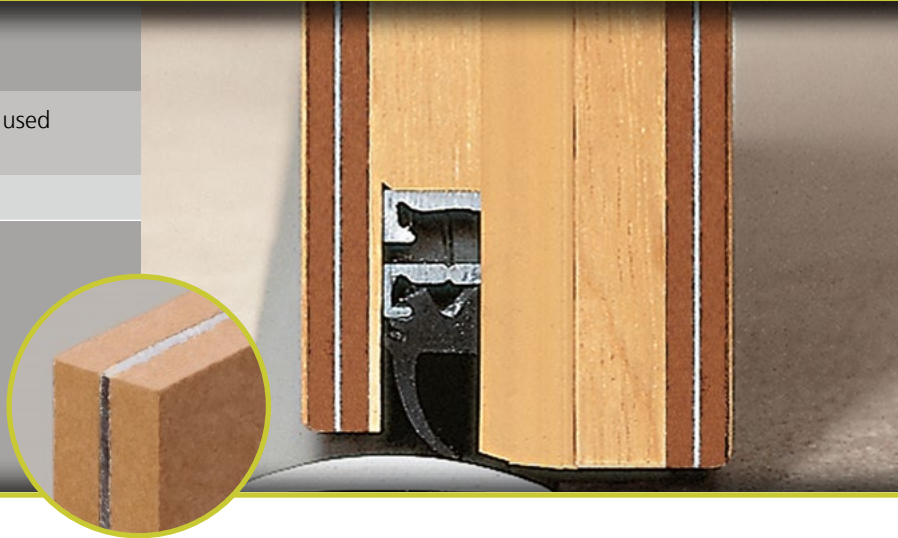


HDF HOMADUR® RADIATION PROTECTION DOOR SKIN

APPLICATION

HDF HOMADUR® radiation protection door skins are used in the door industry for the following applications:

- Radiation protection doors (with lead insert)



PRODUCT

HDF HOMADUR® RADIATION PROTECTION DOOR SKINS are composite elements featuring specially developed HDF boards and an inner core made of lead.

STRENGTHS

- High intrinsic stability
- Problem-free surface finishing
- Tension-free composite element, therefore exceptionally flat
- Fire and burglar-resistant
- Radiation-retardant, lead equivalent value in accordance with DIN 6812. The aforementioned standard stipulates that a radiation protection plan must be created and must form the basis for all structural protective measures.

TECHNICAL SPECIFICATIONS

Format tolerances can be found in the separate TOLERANCE DATA SHEET. Physical properties can be found in the separate TECHNICAL DATA SHEET. They are available upon request.

Thickness:	4.2–7.5 mm
Thickness tolerance:	± 0.2 mm
Lead thickness:	0.5 mm; 1.0 mm; 1.5 mm
Finish:	sanded on both sides with 120 grit
Gluing:	PVAC glue (D3)
Lead quality:	Pb 99.94 Cu in accordance with DIN EN 12588

PROCESSING

After HDF HOMADUR® RADIATION PROTECTION DOOR SKINS have been stored in an environment with high air humidity and low temperatures, they should be acclimatised before processing in the hall where the pressing takes place. A sheet temperature of at least 15°C is required for processing. We recommend that the door blank be left to rest for at least 24 hours after pressing before further processing, such as formatting and profiling.

PROCESSING PARAMETERS DURING PRESSING

Specific pressure:	max. 2.5 kg/cm ²
Pressing temperature:	max. 70°C

STORAGE

HDF HOMADUR® RADIATION PROTECTION DOOR SKINS should be stored in closed, well-ventilated and temperature-controlled areas.

PLEASE NOTE:

The recommendations stated here must be confirmed in advance by the customer through individual trials. These processing instructions have been created using the best of our knowledge and with great care. No liability can be assumed for printing errors and mistakes. The most recent processing instructions apply. The content cannot be used as a legally binding basis.