



Researches of the SAUERLAND Service Center have approved that for reaching an optimal sound insulation value for doors with a multi layer core the following is very important:

- sufficient humidity of the core before treatment
- the dry storage of the finished door

Humidity by delivery

Types of boards : 10,6 VL and 11 VL
 32 S3 and 33 S3
 16 VL and 16,5 VL
 32 S2 and 33 S2

are delivered with a humidity degree of 8 till 10 %.

Moisterised humidity

This humidity later corresponds to the conditioning humidity of the door in the living area and should be maintained till the usage.

The climatisation of the sandwich-cores has a positif effect on:

- the preciseness of the cores
- the sound insulation value of the finished door

Storage of the cores

Maintaining the sufficient conditioned humidity is made possible by :

- Storage in airconditioned rooms
(e.g. Veneer store)
- Covering the pallets

Storage of the doors

Before giving the sound insulation value, the doors have to be:

- produced at least 2 weeks before testing
- stored in a dry interior room-climat.