

## CUSTOMER INFORMATION

### • Ecological

Norm EN 717-2:95, about Formaldehyde emission. E1.

### • Stable and Precise

### • Technological

LockSTP Technology is an innovative glueless flooring system, precision interlocking metal joints provide perfect grip and endurance, all without use of adhesives.

### • Resistant and Safe

Biological durability norm EN 355-1 & 2, Class1.

Reaction to fire norm EN 13501, Class C<sub>fl</sub>-S1.

### SUBFLOOR CONDITION:

- All subfloors must be dry and free from dirt and contamination.
- The subfloor must be levelled to no more than a 3 mm gap showing under a 3 metre straight edge.
- When measured with a hygrometer, it is reasonable to recommend that the concrete be considered dry when the relative humidity is 50% (maximum limit of 2% CM for concrete soil, 0.5% CM for anhydrite subfloor). Risks of infiltration should be carefully avoided.

### TYPES OF SUBFLOOR:

- Solid bases: a damp proof membrane must have been installed prior to fitting a **STP** floor and the surface of the base should be left slightly rough to ensure adequate adherence of the adhesive.
- Wooden floorboards: must be firm, free from rot, level and have no movement ie. no creaking (minimum should be nailed over the floorboards to create a level surface for **STP** to be installed onto). There should be adequate ventilation under the floorboards.
- Chipboard: The chipboard surface must be flat, smooth and of a moisture resistant flooring grade.

### INSTALLATION OVER UNDERFLOOR HEATING:

- **STP** can be installed over underfloor central heating provided that the floor surface temperature does not exceed 27°C and the subfloor must be dry.
- If the underfloor heating is new it must have been commissioned and running for 4 weeks and then switched off 48 hours. Prior to installing **STP**, it is compulsory to measure that relative humidity must be 40-60% (should not exceed the maximum limit of 1.7% CM).
- 48 hours after installation, the heating must be turned on and gradually brought up to normal working temperature over 10 days. An alternative dry source of heat must be provided whilst installation is in progress to ensure a constant room temperature of 20-21°C.

### INSTALLATION OVER EXISTING HARD FLOORCOVERINGS:

- **STP** can be laid over existing hard floorcoverings such as ceramic tiles and marble etc. provided that the existing floorcovering is firmly secured to the subfloor and that the surface of the floorcovering is clean ie. any surface residue has been removed. If necessary the surface should be "roughened" to create suitable adherence conditions. (Any hard floorcoverings laid directly to earth such as quarry tiles, must incorporate a damp proof membrane).

### INSTALLATION OF STP RANGE SHOULD COMMENCE ONLY:

- After completion of all carpentry, masonry, plumbing and electrical work.
- After all exterior windows and doors have been installed.
- After the walls and ceilings have been painted and dried. Wallpapering walls and ceilings can be done after the floor installation, but the floor should be well covered and protected.
- After a full check of the temperature and moisture content where **STP** is to be installed has been satisfactorily completed. After installation, rooms should be maintained at a temperature between 19-20°C with the humidity of the atmosphere between 40-60%.

**STP can be laid as floating floor using its LockSTP system, this can also be installed with special two component glue for parquet.**

For further information, please contact your nearest.  
AUTHORIZED RESELLER  
or visit our website.  
[www.stp-woodflooring.com](http://www.stp-woodflooring.com)

