



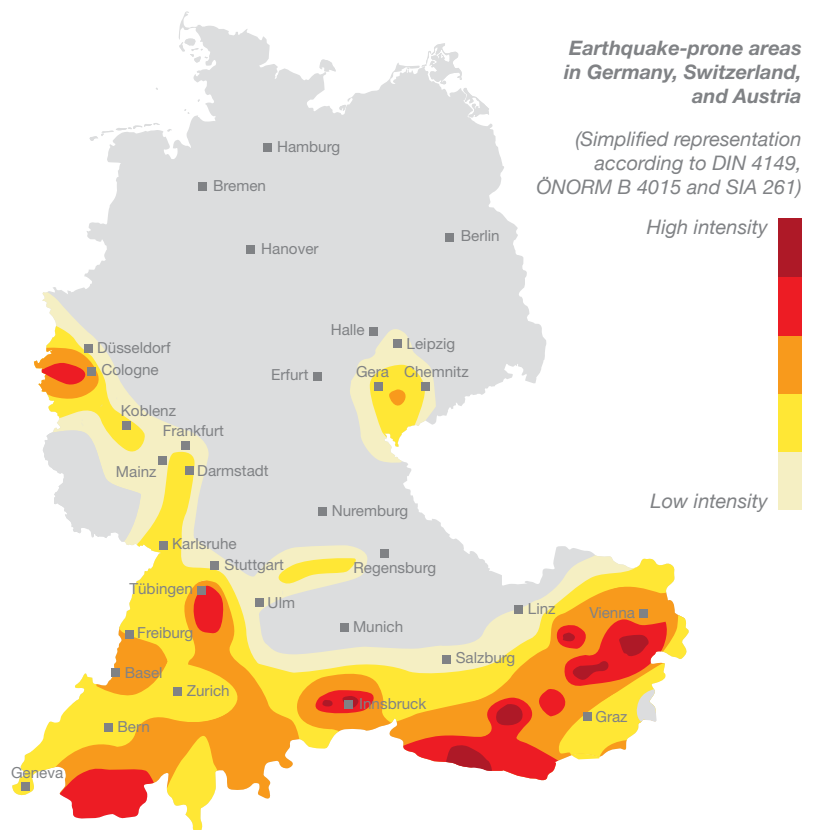
Styrodur® –

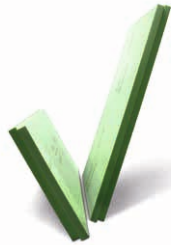
The first insulation material approved by building authorities for earthquake zones

Thanks to its excellent robustness and compressive strength, Styrodur – BASF's high-performance insulation material—is the first choice for all load-bearing applications.

By means of intensive testing, BASF's experts have proven that Styrodur's positive shear pressure behaviour makes it ideal for transferring horizontal forces. Thanks to this extensive experience over many years, Styrodur was the first insulation material to be approved by the German Institute for Building Technology (DIBt) for thermal insulation under foundation slabs in earthquake-prone areas.

Styrodur thus allows structural engineers, architects, and builders to plan with confidence, even in tectonically active regions.

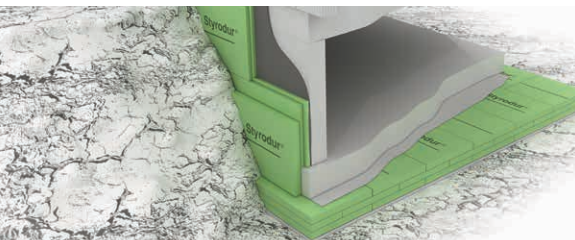




Styrodur® –

The XPS with a wide range of approved applications

With Styrodur, BASF can draw on decades of experience in the XPS market: the environmentally friendly high-performance insulation material has proven itself in countless construction projects since 1964. In addition to Styrodur's impressive properties, years of investment in approval work have resulted in its approval for a wide range of applications by the building authorities. This provides complete security for planning projects across the entire range of applications.



AN OVERVIEW OF GENERAL CONSTRUCTION TYPE APPROVALS:

■ Load-bearing foundation slabs:

- First insulation material approved for transferring horizontal forces—even in the case of multi-layer construction without additional constructive measures
- Approved for use in earthquake zones
- For installation in one to three layers, even in pressing groundwater
- Permissible insulation thickness with single-layer installation of up to 200 mm
- Permissible insulation thickness with multi-layer installation of up to 300 mm

■ Perimeter insulation:

- For installation in one to three layers
- Permissible insulation thickness with single-layer installation of up to 200 mm
- Permissible insulation thickness with multi-layer installation of up to 400 mm
- Even in pressing groundwater

■ Inverted roof:

- For installation in one or two layers
- Permissible insulation thickness with single-layer installation of up to 200 mm
- Permissible insulation thickness with double-layer installation of up to 400 mm
- Single-layer installation is also suited to load-bearing applications, such as parking roofs, green roofs, and gravelled roofs

Further Information

You can find the general construction type approvals for Styrodur® and further informative reading material at www.styrodur.com

