

European Standards explained

All UltraFloor smoothing underlayments, repair and finishing compounds and our damp proof membrane are fully CE classified, their 'Declaration of Performance' certificates can be downloaded at the click of a button from ultra-floor.co.uk or via our Product Planner App.

The European Standards explained:

BS EN 13318:2000 states the definition of a screed as:

Layer or layers of screed material laid in situ, directly onto a base, bonded or unbonded, or onto an

intermediate layer or insulating layer, to obtain one or more of the following purposes:

- to obtain a defined level;
- to carry the final flooring;
- to provide a wearing surface.

BS 8204-1:2011 gives recommendations for the design and laying of concrete bases and cementitious levelling screeds to receive in situ floorings. It also gives recommendations for constituent materials, design, work on site, inspection and testing of concrete bases that are to receive in situ wearing screeds.

BS EN 13813:2002 is entitled 'Screed material and floor screeds – Screed material – Properties and requirements'.

It defines for fresh screed material the performance related to setting time, consistency, pH value and for the hardened screed material, compressive strength,

flexural strength, wear resistance, surface hardness, resistance to indentation, resistance to rolling wheel, shrinkage and swelling, modulus of elasticity, bond strength, impact resistance, reaction to fire, acoustic performance, thermal resistance and chemical resistance.

Cementitious smoothing underlayments (CT) are classified on both compressive (C) and flexural (F) strength and abrasion resistance (AR*) where relevant e.g. CT C35 F6 AR0.5.

*abrasion resistance, in the UK for wear resistance use British Cement Association test.

BS EN 8203:2017 titled: Installation of resilient floor coverings – code of practice, provides recommendations for installation of cork, linoleum, plastics and rubber floor coverings, as well as including recommendations for bases.

BS EN 5325:2001

This British Standard provides recommendations for the installation of textile floor coverings in new or existing buildings. It covers all products composed of textile material with a pile or non-pile use surface, and includes the laying of carpet tiles, either with the use of a permanent adhesive or a tackifier. It details suitable methods of design and installation and

advises on the selection of the materials required for their implementation.

BS EN 8201:2011

Code of practice for installation of flooring of wood and wood-based panels. It gives recommendations and guidance on the material, environment and installation variables that combined have a fundamental effect on the performance and serviceability of finished wood flooring. It outlines the most up-to-date specifications involved in laying flooring and illustrates typical constructions on which it might be laid.