



Resin flooring

Resin flooring provides a long-lasting, high performance system for the most exacting situations. Choosing the correct system to meet the specific flooring usage is an important part of the selection process. The following table classification system for the different floor types, forms the basis of the British Standard BS 8204-6.

Product	Description	Usage	Typical Thickness
Floor seal	Applied in two or more coats. Generally solvent or water borne.	Light Duty	up to 150 µm
Floor coating	Applied in two or more coats. Generally solvent free.	Light & Medium Duty	150 µm to 300 µm
High build floor coating	Applied in two or more coats. Generally solvent free.	Medium Duty	300 µm to 1000 µm
Multi-layer flooring	Aggregate dressed systems based on multiple layers of floor coatings or flow-applied floorings, often described as 'sandwich' systems.	Medium & Heavy Duty	> 2 mm
Flow applied flooring	Often referred to as 'self-smoothing' or 'self-levelling' flooring and having a smooth surface.	Medium & Heavy Duty	2 mm to 3 mm
Resin screed flooring	Trowel-finished, heavily filled systems, generally incorporating a surface seal coat to minimize porosity.	Medium & Heavy Duty	> 4 mm
Heavy duty flowable flooring	Having a smooth surface.	Heavy & Very Heavy Duty	4 mm to 6 mm
Heavy duty resin flooring	Trowel-finished, aggregate filled systems effectively impervious throughout their thickness.	Very Heavy Duty	> 6 mm

(Light duty) Suitable for light foot traffic, and occasional rubber tyred vehicles.

(Medium duty) Suitable for regular foot traffic, frequent fork lift truck traffic, and occasional hard plastic-wheeled trolleys.

(Heavy duty) Suitable for constant fork lift truck traffic, hard plastic wheeled trolleys, and some impact.

(Very heavy duty) Suitable for severe heavily loaded traffic and impact.

In general terms these categories of flooring are listed in ascending order of durability.

However the actual life in a particular installation will depend on the product used, the quality of the substrate, and the degree and severity of the usage conditions.