

To assist in the process of choosing the correct product for your particular needs, FeRFA has produced a classification system for the different floor types. The following classifications are also used in BS 8204-6

TYPE	NAME	DESCRIPTION	DUTY	TYPICAL THICKNESS
1	Floor seal	Applied in two or more coats. Generally solvent or water borne.	LD	up to 150 µm
2	Floor coating	Applied in two or more coats. Generally solvent free.	LD/MD	150 µm to 300 µm
3	High build Floor coating	Applied in two or more coats. Generally solvent free.	MD	300 µm to 1000 µm
4	Multi-layer flooring	Aggregate dressed systems based on multiple layers of floor coatings or flow-applied floorings, often described as 'sandwich' systems.	MD/HD	> 2 mm
5	Flow applied flooring	Often referred to as 'self-smoothing' or 'self-levelling' flooring and having a smooth surface.	MD/HD	2 mm to 3 mm
6	Resin screed flooring	Trowel-finished, heavily filled systems, generally incorporating a surface seal coat to minimize porosity.	MD/HD	> 4 mm
7	Heavy duty flowable flooring	Having a smooth surface.	HD/VHD	4 mm to 6 mm
8	Heavy duty resin flooring	Trowel-finished, aggregate filled systems effectively impervious throughout their thickness.	VHD	> 6 mm

LD (Light duty) light foot traffic, occasional rubber tyred vehicles

MD (Medium duty) regular foot traffic, frequent fork lift truck traffic, occasional hard plastic-wheeled trolleys,

HD (Heavy duty) constant fork lift truck traffic, hard plastic wheeled trolleys, some impact

VHD (Very heavy duty) severe heavily loaded traffic and impact

Further information may be found in the FeRFA publications (listed below), all of which are freely downloadable from FeRFA's web site at [www.ferfa.org.uk](http://www.ferfa.org.uk)

- Guide to the Specification and Application of synthetic resin flooring (RIBA CPD Approved)
- Guide to the selection of synthetic resin flooring
- Assessing the slip resistance of resin floors
- Osmosis in resin flooring
- Chemical resistance of resin flooring
- Anti-static flooring
- Guide to installing resin flooring systems onto substrates with a high moisture content
- Guide to cleaning resin floors
- Guide to PPE for use with in situ resin floors and surface preparation

