



FLOORING SOLUTIONS

RESIN
FLOORING



SURFACES FOR ALL PURPOSES

WE HAVE THE
RIGHT SPECIFICATION
TO MEET ALL YOUR
REQUIREMENTS

Resin flooring provides a long-lasting, high performance system for the most exacting situations across many sectors and application.

TPS Flooring Solutions work with the industry's leading resin manufactures to deliver the highest quality floor finishes through its FeRFA accredited installation teams. Working with some leading brand companies as well as local businesses we are able to deliver resin flooring systems of all sizes and complexity efficiently and effectively.



Choosing a resin floor by TPS Flooring Solutions provides you with the assurance that you are benefitting from a FeRFA accredited specifier and installer working with the UK's leading resin manufactures and suppliers.

Properties of resin flooring

Durable • High impact • Easy to clean • Low maintenance • Range of finishes and colours
 Chemical protection • Slip resistance • Abrasion resistance • Electrostatic discharge (ESD)
 Fast curing • Hygienic • Antibacterial • Noise reducing.

Applications

Industrial • Manufacturing • Warehousing • Commercial • Retail • Leisure • Pharmaceutical
 Education • Automotive • Aerospace



Technical

Choosing the correct resin flooring system to meet your specific flooring requirements is an important part of the selection process. To assist in this, TPS Flooring Solutions as accredited members of FeRFA can specify and install all types of resin flooring in accordance with the British Standard BS 8204-6.

FeRFA table

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

Duty*	Description
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

Duty*	Description
HD	(Heavy duty) constant fork lift truck traffic, hard plastic wheeled trolleys, some impact
VHD	(Very heavy duty) severe heavily loaded traffic and impact

TPS360 can also provide

- Resin coving, skirting and renders
- Polymer modified cement underlayment's
- Resin based floor repairs
- Resin based jointing
- Chemical resistant bunds
- Damp proof membranes
- Resin coating for wall tanks, etc.
- Screed refurbishment
- Resin bonded paving



Resin Flooring



Construction



Polished Concrete



Insulated Panel Systems



Surface Preparation



Specialist Coating Solutions



Unit E, 26 Sir Alfred Owen Way
Pontywindy Industrial Estate, Caerphilly, CF83 3HU

Unit 38, Nine Mile Point Industrial Estate
Cwmfelinfach, Newport, Gwent, NP11 7HZ

T: 03450 268 780 (Option 2) E: sales@tps360.co.uk W: www.tps360.co.uk

 @TPS_360

 total-protective-solutions-360-ltd

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