FlooR10 is an **R10** rated solution for internal temporary warning, information or promotional messages in offices, retail outlets, schools, restaurants, hotels, and other venues. We believe that **R10** is the minimum rating that should be used.

FlooR11 is an **R11** solution for external occasionally wet areas.

Both are two part print and laminate solutions for medium traffic areas with slip resistant certification.

Floor Ratings:

R9 should only be used for dry areas and is a high risk in wet areas.

R10 rated products are for areas that are kept largely dry.

R11 are for transitional areas that can occasionally be wet.

R12 are for wet areas or slopes and **R13** for very wet areas or slopes and are not locations where we would recommend floor graphics.

We would recommend the use of heat on more difficult surfaces such as concrete, brick and tarmac / asphalt.

Due to the complexity of substrates, this 'Application Guide' is a guide only, it is the responsibility of the end user to test on the actual surface.

Some adhesive residue is possible from some of the products on some of the surfaces.

Fire Ratings:

National classifications for reaction to fire do not automatically equate across countries as national tests differ from harmonised European tests.
You cannot assume a Euroclass rating unless testing has been carried out using the European testing standard.

Euroclass Harmonised EN13501-1	UK BS476	Germany DIN 4102	France NF P92-501
A1	Non-combustible	A1	Non-combustible
A2	Limited combustiblity	A2	M0 or M1
B	Class 0	B1	M1
C	Class 1	B1	M2
D	Class 3	B2	M3
E		B2	M4
F		B3	

Printable Base Description	Face Film Variants	Eco-Solvent, Latex and UV	Internal Ceramic Tiles	External Ceramic Tiles	Smooth Concrete	Short Pile Carpet up to 12mm fibre height	Brick / Block Paving	Textured Concrete	Asphalt / Tarmac
M11-P-K PermPLUS 80µ gloss white standard opacity 3-5 year monomeric PVC PermPLUS. permanent adhesive 135gsm printed kraft liner Class 0 fire rated	Also available in: **M12-P-K** Gloss white high-opacity **M15-P-K** Matt white standard opacity **M16-P-K** Matt white high-opacity	✓✓✓	✓✓	✗	✗	✗	✗	✗	✗
M11-H-K HighGRAB 80µ gloss white standard opacity 3-5 year monomeric PVC HighGRAB permanent adhesive 135gsm printed kraft liner Class 0 fire rated	Also available in: **M12-H-K** Gloss white high-opacity **M15-H-K** Matt white standard opacity **M16-H-K** Matt white high-opacity	✓✓✓	✓✓✓	✓✓	✓✓	✓✓	✓	✗	✗
M12-U-K UltraGRAB 80µ gloss white high opacity 3-5 year monomeric PVC UltraGRAB permanent adhesive 135gsm printed kraft liner Class 0 fire rated	Also available in: **M16-U-K** Matt white high-opacity	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓	✓	✗
M15-M-P MaxGRAB 80µ matt white 3-6 month monomeric PVC, MaxGRAB permanent floor adhesive, 140gsm printed PE liner, Class 0 fire rated	Also available in: **M16-M-P** Matt white standard opacity	✓✓✓	✗	✓✓✓	✓✓✓	✗	✓✓✓	✓✓✓	✓✓✓

✗ Not recommended   ✓ Fair   ✓✓ Good   ✓✓✓ Excellent

Paired Laminates Description	Internal Life	External Life
FlooR10 M73-P-K 100µ FlooR10 PVC matt textured internal laminate DIN 51130 anti-slip group R10 Pendulum Test Value Dry 78 Pendulum Test Value Wet 38	3 months	n/a
FlooR11 M77-P-K 190µ FlooR11 PVC matt textured external laminate EN 13036-4 anti-slip group R11 Pendulum Test Value Dry 69 Pendulum Test Value Wet 42	6 months	3 months