Barrier Matting Considerations

A correctly specified and effective barrier matting system will help to improve the life cycle appearance of internal floor coverings, whilst minimising the risk of slip accidents caused by wet exterior floors, reduce maintenance costs, and significantly reduce the amount of dirt and moisture tracked into a building.

In line with The Building Regulations and British Standards, barrier matting is required to help provide safe access for all users of buildings, including wheelchair users, in line with the Equality Act 2010.

According to the Health and Safety Executive, an effectively specified barrier matting can help to reduce the amount of dirt and moisture tracked into a building by 90%.

70% of dirt and moisture is tracked into buildings by pedestrian and wheeled traffic.

According to ISSA, the Worldwide Cleaning Industry Association, it costs approximately £700 to remove 1kg of soil tracked into a building, which equates to over £50,000 per year (based on 500 working in a building 5 days per week). This will of course vary across different use level buildings but it is a good illustration in terms of how an effective barrier matting can increase the life cycle of internal floor coverings.

The Health and Safety Laboratory provides guidelines on the length of matting that should be installed based on the number of people entering a building per hour – it is crucial to specify the correct matting from the outset to get the most out of the system, it can also be costly to modify once created.

Flow Rate of People per hour – minimum matting sizes.

Flow Rate	People/Hour	Minimum recommended size
Low	Up to 79	3 – 5 metres
Medium	Up to 400	6 – 7 metres
High	500+	8 – 10 metres

Chroma recommends Object Carpet Step-In Barrier Matting for effective entrance management.

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OBJECT CARPET

Typical characteristics EN 1307

Name of article	**Step In 1300**
Method of production	tufted
Width	ca. 200 cm
Surface structure	cut
Colourways	mixed/mottled
Pile material	100% Polyamid
Secondary backing	Vinyl – heavy backing
Overall weight	ca. 4.000 g/m²
Overall thickness	ca. 10,0 mm
Pile service weight	ca. 1.300 g/m²

Application

Wearability EN 1307:	32
Comfort class EN 1307:	LC 4

Ecological characteristics

DIBt-AgBB Schema
Conformity certificate
PRODIS / GUT - ID
EPD (Environmental Product Declaration)

Fastness

Light fastness	≥ 5
Water fastness	≥ 4
Friction fastness	≥ 3-4

01/2012 Subject to production technical changes

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