

AKO Safety Matting

BPIR Declaration

Version: v1

Designated building product: Class 1

Declaration

Arrow Matting Systems Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	AKO Safety Matting
Line	
Identifier	AKO60R/90R/120R/180R

Description

AKO Safety Matting is manufactured from fibre reinforced, PVC-foam with PVC-granules on the surface. It is UV treated & will drain so is suitable for outdoor use. It comes in anthracite colour. The matting should be installed in accordance with our install guides.

It comes in 0.6m, 0.9m, 1.2m & 1.8m with an approx thickness of 7mm.

Scope of use

AKO Safety Matting: • Is suitable for use as exterior & interior floor covering • Is suitable for high traffic areas • Has high UV resistance making it ideal for areas exposed to sunlight • Is suitable for use where the floor covering is exposed in interior areas of building where there are building code obligations under C3.4(b). Protection to fire Bfl-S (EN14041). • Has an anti-slip resistance rating of R13 and can be used in areas where a rating of R13 or less is required • Is not suitable for use in interior wet areas, i.e. on floors adjacent to sanitary fixtures or sanitary appliances, for E3 Internal Moisture control, i.e. leakage. (Note: this is not a reference to slip

resistance) • Is not suitable for use on floors in food preparation areas (including residential/domestic kitchens) • Is not suitable for use on floors between adjoining tenancies, in conjunction with other acoustic measures • Is not suitable for use in buildings with adjoining vertical tenancies in conjunction with other acoustic measures

Conditions of use

AKO Safety Matting: • Must be installed according to AKO Safety Matting installation guide. • Is not suitable for vehicles or heavy trolleys/castors.

Relevant building code clauses

B2 Durability – B2.3.1 (c)

C3 Fire affecting areas beyond the fire source – C3.4 (b)

D1 Access Routes – D1.3.3 (d)

F2 Hazardous building materials – F2.3.1

Contributions to compliance

B2: AKO Safety Matting has a durability of at least 5 years where installed & maintained according to the guidelines. Refer to the design and installation requirements for further information.

C3: AKO Safety Matting complies to a Bfl -s1 fire retardancy (iff Institute for Floor Construction rating. Test Report No: KO-9040-2012)

D1: AKO Safety Matting complies to a Classifications for Anti-Slip Property - R13 & Classifications for (water) Displacement V10. As tested by the IFA Institute for industrial safety of the German accident insurance

F2: AKO Safety Matting is safe when handled. There are no requirements for this product in order to comply with Acceptable Solution F2/AS1, First Edition Amendment 3, 2017.

Supporting documentation

The following additional documentation supports the above statements:

AKO Safety Matting Installation Guide	v1	https://cdn.shopify.com/s/files/1/0601/7243/5681/files/AMS_Installation_Guides_Ako_Safety_Matting.pdf?v=1652239490
AKO Safety Matting Spec Sheet	v1	https://cdn.shopify.com/s/files/1/0601/7243/5681/files/AMS_Spec_Sheets_2020_AKO_Safety_Matting.pdf?v=1635773395

For further information supporting AKO Safety Matting claims refer to our website.

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	A. Kolckmann GmbH
Legal and trading name of importer	Arrow Matting Systems Ltd
Importer address for service	1D Quadrant Dr Lower Hutt 5010
Importer website	www.amsdistributors.co.nz
Importer NZBN	9429035794905
Importer email	sales@amsdistributors.co.nz
Importer phone number	0800 806 287

Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well

as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that AKO Safety Matting is not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf of **Arrow Matting Systems Ltd**:

A handwritten signature in black ink, appearing to read 'Logan Hart', written in a cursive style.

Logan Hart
General Manager
Oct 2023

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Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

BPIR Ready selections

Category: Floor coverings

	Yes	No
Use on access routes	x	
Use in areas with floor surface fire obligations	x	
Use in wet areas		x
Use in food preparation areas		x
Part of a system for acoustic performance		x

Building code performance clauses

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (c) 5 years if: the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and failure of those building elements to comply with the building code would be easily detected during normal use of the building.

C3 Fire affecting areas beyond the fire source

C3.4

Surface Linings

- (b) floor surface materials in the following areas of buildings must meet the performance criteria specified below: Area of building Minimum critical radius flux when tested to ISO 9239-1: 2010 Buildings not protected with an automatic fire sprinkler system Buildings protected with an automatic fire sprinkler system Sleeping areas and exitways in buildings where care or detention is provided 4.5 kW/m² 2.2 kW/m² Exitways in all other buildings 2.2 kW/m² 2.2 kW/m² Firecells accommodating more than 50 persons 2.2 kW/m² 1.2 kW/m² All other occupied spaces except household units 1.2 kW/m² 1.2 kW/m²

D1 Access Routes

D1.3.3

Access routes shall:

- (d) have adequate slip-resistant walking surfaces under all conditions of normal use

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.