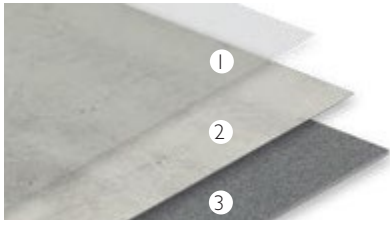


ARIA FLEX WALL/FLOOR/CEILING

TECHNICAL DATASHEET



STRUCTURE

1. Protective Varnish
2. Mineral Concrete in unique finishes
3. Ecological PU sunstructure



PRODUCT DESCRIPTION

Aria Flex is a bio-mat made of polyurethane with a design surface in authentic finishes such as concrete, rust and asphalt. Aria Flex is mainly made from vegetable oils such as rapeseed or castor oil and naturally occurring mineral components such as chalk. The Aria Flex consists mainly of renewable raw materials and natural fillers - without PVC, plasticizers, solvents and is therefore low in harmful substances.









USAGE OPTIONS

The Aria Flex can be used for wall cladding, floors and ceilings. Because it is flexible, the product is also suitable for interior finishing, furniture fronts, shop and exhibition construction and much more. When used as a floor, additional sealing is necessary.

PROCESSING

Cutting	With utility knives or normal woodworking machines.
Sawing/ Drilling/ Milling	With normal carbide tipped tools.
Bonding	See installation instructions.
Cleaning/Care Clean	With a damp cloth. In case of heavy soiling, a neutral cleaner can be added to the water. For more detailed instructions, see care instructions.
Storage	Dry storage. Protect from frost.
Recycling/ Disposal	Standard, Nonharmful
Repair	Damage to the surface can be repaired by simply re-sealing the affected areas.
Skirting Board	Commercially available skirting boards or adhesive strips.
Rounding	Suitable for inner radii from approx. 4 in and outer radii from approx. 6 in.
Acclimatisation	The product must be acclimatised before installation/processing. See acclimatisation information in or on the packaging or installation instructions. In case of rolled goods, the roll must acclimatise in the packaging.
Floor Heating	Suitable for all conventional hot water underfloor heating systems and regulated electrical systems up to a surface temperature of 80° F.
Floor Installation	In order to maintain the high quality in the floor area, additional sealing is necessary in any case. For this purpose we recommend a 2- component water-based lacquer. Please follow the processing guidelines of the respective manufacturer.

CLASSIFICATIONS

	Utilization class 23 EN ISO 10874	Heavy-duty use in the domestic area
	Utilization class 31 EN ISO 10874 *Higher utilization class possible	Medium use in the commercial sector
	slip resistance: DIN 51130	R9* (Higher slip resistance can be achieved depending on varnish used for sealing)
	fire class: EN13501-1:2007	C-s1, d0 (comparable with B1 of DIN4102-2)
	light fastness: EN ISO 105-B02 Test specimen contrast: EN 20105-A02	blue scale: ≥ 6 grey scale: ≥ 4
	thermal insulation resistance ISO 8302	~ 0,01 (m²K)/W
	impact sound reduction EN ISO 10140	~ 4 dB
	dimensional stability EN ISO 23999	~ 0,10 %

NOTE

Information is provided according to our **best knowledge**. The contents, however, is not legally binding. The user is not released from verifying that the materials are suitable for the intended purpose. Technical changes reserved. The main component of the mineral concrete is organic so that colour shadings between different lots can not be excluded completely. Samples of these materials only show the general appearance and cannot unite the characteristics like **colour, texture and structure**. Differences of any kind, as well as air inclusions, are natural and no reason for claim. Low distortion as well as little displacements in the joint area and minor gap formation cannot be fully excluded.



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