

Texaa[®]

Specification and data sheets

Aeria

fabric

Aeria fabric

Aeria is a Texaa hallmark: it is the fabric that covers all its products. It is knitted using a patented process and is sound-transparent, run-resistant and extremely fire-resistant. It is available in two knit sizes and a range of 30 colours. It decorates and protects mainly acoustic technical systems that are to be positioned within volumes to ensure architectural functions.

Technical characteristics

Definition	Aeria
Composition	Synthetic knit fabric with fluid repellent coating
Pattern	Proprietary knit pattern Texaa®
Presentation	
Dimensions	Rolls with maximum length 15 ml Maximum width (net/gross) : 1550/1600 mm
Colours	Aeria* round knit color chart / 30 colours
Characteristics	
Weight	330 ± 10 g/m ²
Thickness	1.25 ± 0.15 mm
Reaction to fire classification	Inherently flame retardant, unaffected by ageing B-s1,d0 according to NF EN 13501-1
Resistance to ageing	
Heat resistance	maximum 100°C
Water and moisture resistance	Insensitive
Dimensional stability	< 0.1% in normal use conditions of temperature and moisture
Chemical resistance	Good resistance
Color fastness	Rating of 5 minimum according to ISO 105-B02
Rubbing resistance	Good resistance (wet, dry, perchloroethylene)
Resistance to micro-organisms	Aeria is inherently insensitive to micro-organisms and dust mites attacks.
Formability	Aeria knit pattern allows it to easily and smoothly follow different types of shapes.
Mechanical resistance	Its knitting architecture made of thin yarns gives the product a high resistance to abrasion, wear and tear.
Cleaning and maintenance	Its fluid repellent coating makes cleaning easier. Most fluids “bead” on surface and can be removed by mopping up with a clean soft absorbing rag. Aeria is resistant to dust due to its light surface resistivity. machine-washable at 30°C, dry flat Cleaning instructions are available on request.

* **Texaa®**'s internationally patented **Aeria** sound-transparent fabric

Texaa® is a privately owned company with a staff of fifty-five. Informed by continuous contact with designers and professionals in the building industry, we conceive, manufacture and distribute solutions to enhance the acoustic comfort of the spaces in which people live and work. **Texaa®** products are technically sophisticated, sensitive and hard-wearing. Their hallmark is the textile in which they are clad: **Aeria*** is knitted in our workshop near Bordeaux in a palette of 30 colours. Since 1978, it has been our pride and delight to play our part in developing quality architecture in France, Europe, the US and beyond.

* our sound-transparent textile with an exclusive **Texaa®** patent

Updates at www.texaa.co.uk

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textile, acoustics, architecture

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