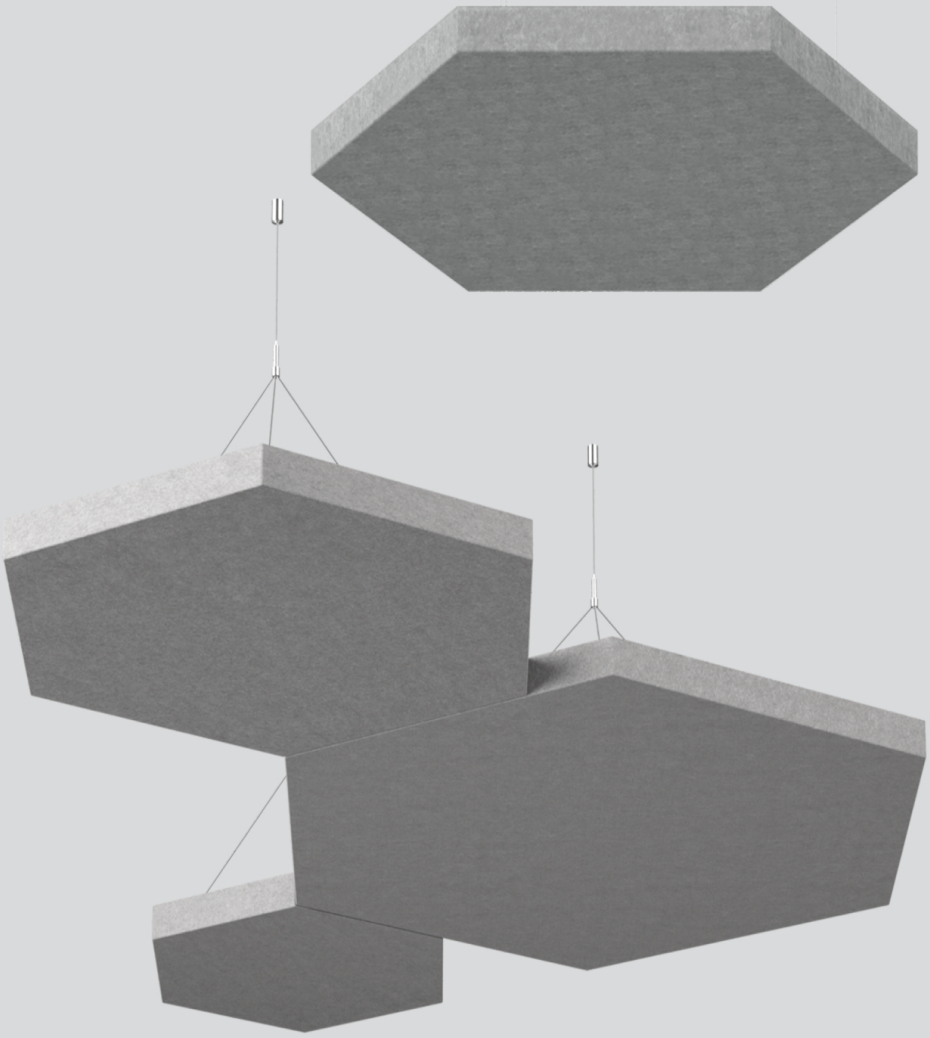
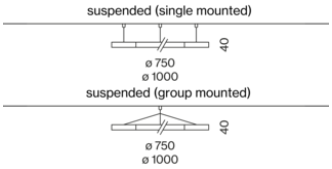


Quickinfo

PET felt
up to absorption class A
flame retardant version available

Types



Colours



HEX-O MODULE FLAT

suspended single + group

EN Hexagonal acoustic element made of high quality, self-supporting, at least 75% recycled PET felt with sound absorbing properties; in the dimensions of the HEX-O luminaires - with reduced height; suitable for single or group installation; pendant fitting with cable suspension (single: 3 cables / group: 1 cable); height adjustment without tools; including rear rail for alignment of the housings (group); can be combined with all HEX-O ceiling and TRIG-O ceiling luminaires and acoustic elements; improvement of room acoustics through absorption and scattering of sound waves; up to absorption class A

DE Sechseckiges Akustikelement aus hochwertigem, selbsttragenden, mind. 75% recycelten PET-Filz mit schallabsorbierenden Eigenschaften; in Abmessungen der HEX-O Leuchten - mit reduzierter Höhe; geeignet für Einzel- und Gruppenmontage; abgependelt mit Seilabhängung (single: 3 Seile / group: 1 Seil); werkzeuglose Höhenverstellung; inklusive rückseitiger Schiene zur Ausrichtung der Körper (group); mit sämtlichen HEX-O ceiling und TRIG-O ceiling Leuchten und Akustikelementen kombinierbar; Verbesserung der Raumakustik durch Absorption und Schallstreuung; bis zu Absorberklasse A



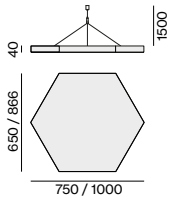
modular system

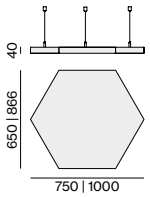


wide range of colours









HEX-O module flat suspended

A B C D E	PET felt	0.7	0.69
α_w = 0.5		NRC	SAA

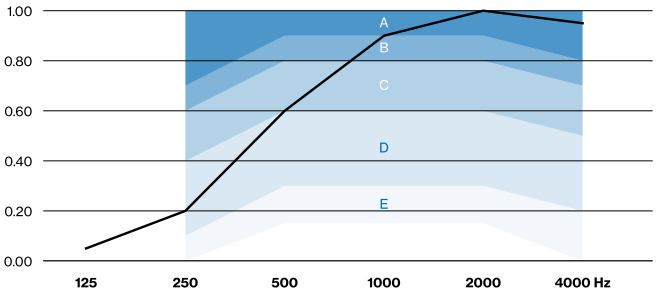
ACOUSTIC | SINGLE + GROUP

COLOUR	ORDER CODE
acoustic special colours	073-69ϬL20X
anthracite	073-69ϬL20B
black	073-69ϬL20L
felt grey	073-69ϬL20G
limestone	073-69ϬL20S
marble grey	073-69ϬL20D
white	073-69ϬL20W

EQUIVALENT SOUND ABSORPTION AREA (A_{EQ} M^2)

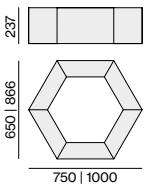
W·L(mm)	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
650·750	0.03	0.1	0.27	0.4	0.5	0.43
866·1000	0.06	0.17	0.45	0.67	0.84	0.72

SOUND ABSORPTION COEFFICIENTS



Acoustic data
calculations based on HEX-O FLAT 750: cavity 1cm

Acoustic accessories



HEX-O ABSORBER 1000

COLOUR	L·W·H (mm)	ORDER CODE
marble grey	1000·866·237	073-691740D
felt grey	1000·866·237	073-691740G
black	1000·866·237	073-691740L
white	1000·866·237	073-691740W
acoustic special colours	1000·866·237	073-691740X
limestone	1000·866·237	073-691740S
anthracite	1000·866·237	073-691740B

only in combination with HEX-O 750, MODULE 750 or MODULE FLAT 750; for acoustic data see xal.com

Order options

MOUNTING	Ϭ	LENGTH	L	COLOUR	
suitable for single installation	2	750 mm	6	anthracite	RAL 7021
suitable for group installation	3	1000 mm	7	marble grey	RAL 7047
				felt grey	RAL 7037
				limestone	RAL 070 70 20