18 Acoustic systems At a glance

19

Acoustic system	7000			7100			7200		7300
Material	Wood	Metal	Fabric	Wood	Metal	Fabric	Metal	Fabric	Metal
Description	Partition wall absorber for surface-flush integration into a system partition wall	Partition wall absorber for surface-flush integration into a system partition wall	Partition wall absorber for surface-flush integration into a system partition wall	Wall-mounted absorber for fixing an existing wall	Wall-mounted absorber For fixing to an existing wall or glazed panel	Wall-mounted absorber For fixing to an existing wall or glazed panel	Free-standing absorber to create zones in open-plan areas	Free-standing absorber to create zones in open-plan areas	Ceiling absorbers as awning for use in core-activated concrete ceilings
Detail									
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Oberfläche	HPL, veneer, painted	Powder-coated	Camira Lucia collection	HPL, veneer, painted	Powder-coated	Camira Lucia collection	Powder-coated	Camira Lucia collection	Powder-coated
Absorber thickness	50mm and 60mm	50mm and 60mm	50mm and 60mm	50mm – 100mm	50mm, 80mm and 100mm	50mm, 80mm and 100mm	100mm	100mm	35mm
Built into one side of 100mm wall	50mm and 60mm cassette	50mm and 60mm cassette	50mm and 60mm cassette	-	-	-	-	-	-
Built into both sides of 100mm wall	50mm cassette	50mm cassette	50mm cassette	-	-	-	-	-	-
Built into one side of 125mm wall	50mm and 60mm cassette	50mm and 60mm cassette	50mm and 60mm cassette	-	-	-	-	-	-
Built into both sides of 125mm wall	50mm and 60mm cassette	50mm and 60mm cassette	50mm and 60mm cassette	-	-	-	-	-	-
Type of installation	Flush-mounted integration	Flush–mounted integration	Flush-mounted integration	Acoustic wall cladding	Fixed as facing on drywalling, concrete, masonry or glazing	Fixed as facing on drywalling, concrete, masonry or glazing	Free-standing elements, screwed into floor	Free-standing elements, screwed into floor	Suspension height 135mm
Sound absorption	a _w up to 0,8	a_w up to 1,0	\mathbf{a}_{w} up to 1,0	\mathbf{a}_{w} up to 0,9	a_w up to 1,0	a_w up to 1,0	Equivalent sound absorption area depending on finish	Equivalent sound absorption area depending on finish	\mathbf{a}_{w} up to 0.95 equivalent sound absorption area depending on finish
Sound insulation	One side R _{w,P} up to 46dB, both sides up to 44dB	One side R _{w,P} up to 46dB, both sides 44dB – 44dB	One side R _{w,P} up to 46dB, both sides 44dB – 44dB	-	-	-	-	-	-