













SAINT-GOBAIN CONCEALED CEILING SYSTEM

System Reference Number	Board/Tile Type	Board/Tile Thickness (mm)	Framework Spacing (centres)						Finish	R-value (m² K/W)	Acoustic/Thermal Insulation	(aw) Absorption Coefficient/NRC/Absorption Class - (Inclusive of insulation)	Layout
			Gypframe™/DONN		Gypframe™		Gypframe™ UltraSteel®	Timber					
			T37K Main Tee	T32K Cross Tee	Gypframe N™ Main Bar¹	Gypframe N™ Cross Furring Channel	Branding	Branding					
M-STRIP CEILING SYSTEM													
CMS1901	1 x RhinoBoard®	6.4mm	-	-	-	-	400mm	400mm	M - Strip	0,03	Aerolite 50mm - 135mm*	Not Applicable	
SKIMMED CEILING SYSTEM													
CS1901, 02	1 x RhinoBoard®	6.4mm	-	-	1000mm	280mm (9 notches)	300mm	300mm	Skimmed	0,03	Aerolite 50mm - 135mm*	Not Applicable	
CS1903, 04, 05, 06	1 x RhinoBoard®	9mm	1200mm	400mm	1000mm	400mm (14 notches)	400mm	400mm	Skimmed	0,042	Aerolite 50mm - 135mm*	Not Applicable	
CS1907, 08, 09, 10	1 x RhinoBoard®	12.5mm	1200mm	600mm	1000mm	600mm (17 notches)	600mm	600mm	Skimmed	0,056	Aerolite 50mm - 135mm*	Not Applicable	
JOINTED CEILING SYSTEM													
CJ1901, 02, 03, 04	1 x RhinoBoard®	9mm	1200mm	500mm	1000mm	480mm (14 notches)	500mm	500mm	Jointed	0,042	Aerolite 50mm - 135mm*	Not Applicable	
CJ1905, 06, 07, 08	1 x RhinoBoard®	12.5mm	1200mm	600mm	1000mm	600mm (17 notches)	600mm	600mm	Jointed	0,056	Aerolite 50mm - 135mm*	Not Applicable	
ACOUSTIC CEILING SYSTEM													
CA1901, 02, 03, 04	Gyptone™ BIG Curve Line 6	6.5mm	1200mm	300mm	1000mm	280mm (9 notches)	300mm	300mm	Jointed	-	Energylite 50mm*	0.5 - 0.6/0.55/C - D	
CA1905, 06, 07, 08	Gyptone™ BIG Line 6 Activ'Air	12.5mm	1200mm	600mm	1000mm	600mm (17 notches)	600mm	600mm	Jointed	-	Energylite 50mm*	0.5 - 0.6/0.55/D	
CA1909, 10, 11, 12	Gyptone™ BIG Quattro 41 Activ'Air	12.5mm	1200mm	600mm	1000mm	600mm (17 notches)	600mm	600mm	Jointed	-	Energylite 50mm*	0.65 - 0.75/0.65 - 0.7/C	
CA1913, 14, 15, 16	Rigitone® 8 - 15 - 20 SUPER	12.5mm	1200mm	300mm	1000mm	280mm (9 notches)	300mm	-	Joint Filler Technique	-	Energylite 50mm*	0.45 - 0.5/0.6 - 0.7/D	
CA1917, 18, 19, 20	Rigitone® 12 - 20/66	12.5mm	1200mm	300mm	1000mm	280mm (9 notches)	300mm	-	Joint Filler Technique	-	Energylite 50mm*	0.45 - 0.7/0.65 - 0.9/C - D	
CA1921, 22, 23, 24	Rigitone® 8/18Q	12.5mm	1200mm	300mm	1000mm	280mm (9 notches)	300mm	-	Joint Filler Technique	-	Energylite 50mm*	0.55 - 0.8/0.65 - 0.8/B - D	

SAINT-GOBAIN CONCEALED CEILING SYSTEM

System Reference Number	Board/Tile Type	Board/Tile Thickness (mm)	Framework Spacing (centres)						Finish	R-value (m ² K/W)	Acoustic/Thermal Insulation	(aw) Absorption Coefficient/NRC/Absorption Class - (Inclusive of insulation)	Layout
			Gypframe™/DONN		Gypframe™		Gypframe™ UltraSteel®	Timber					
			T37K Main Tee	T32K Cross Tee	Gypframe N™ Main Bar ¹	Gypframe N™ Cross Furring Channel	Branding	Branding					
FIRE RATED CEILING SYSTEM 2													
CF1901	2 x RhinoBoard® FireStop® (60 min)	15mm	-	-	Donn/Gypframe UltraSTEEL Studs 51mm at 600mm centres	-	400mm	-	Skimmed	0,059	Aerolite 50mm - 135mm*	Not Applicable	
CF1902	3 x RhinoBoard® FireStop® (90 min)	15mm	Gyproc Galvanised Steel Angle at 1200mm centres	-	Donn/Gypframe UltraSTEEL Studs 51mm at 600mm centres	-	-	-	Skimmed	-	Aerolite 50mm - 135mm*	Not Applicable	

* Install (50)mm thick non-combustible, lightweight "Enerlyte" Glasswool insulation blanket/batts of (47.5)kg/m³ density for improved acoustic performance.

* Install (50/75/100/115/135)mm thick flexible non-combustible lightweight "Aerolite" insulation material between the roof trusses and over branding/purlins in a completed roof and ceiling system. Installation strictly in accordance with the manufacture

¹ See Gypframe™ N Main Bar installation guide (Threaded Rod) here

¹ See Gypframe™ N Main Bar installation guide (Gyproc Angle) here

² (NB) The system was designed for and does meet the full requirements of SANS 10177-2 (Stability, Integrity and Insulation)

Insulation - Minimum requirement total R-value (m ² K/W) as per SANS 10400 xa					
Climatic Zone					
1	2	3	4	5	6
3,7	3,2	2,7	3,7	2,7	3,5
Thickness of Aerolite required to meet SANS 10400 xa					
135	115	100	135	100	135

SAINT-GOBAIN EXPOSED CEILING SYSTEM

System Reference Number	Board / Tile Type	Board / Tile Thickness (mm)	Framework Spacing (centres)				R-value (m ² K/W)	(aw) Absorption Coefficient/NRC /Absorption Class - (inclusive of insulation)	Layout
			Gypframe™/DONN		Gypframe™				
			T38FR Main Tee	1200mm+/600mm T38FR Cross Tee	Gypframe™ T Main Tee	1200mm +/600mm Gypframe™ T Cross Tee			
EXPOSED CEILING SYSTEM									
EC1901, 02	Gyprex® Fissured tiles	9mm	1200mm	600mm	1200mm	600mm	0,042	Not Applicable	
EC1903, 04	Gyprex® Fissured tiles	12.5mm	1200mm	600mm	1200mm	600mm	0,056	Not Applicable	
EC1905, 06	Gyprex® White tiles	9mm	1200mm	600mm	1200mm	600mm	0,042	Not Applicable	
EC1907, 08	Gyprex® White tiles	12.5mm	1200mm	600mm	1200mm	600mm	0,056	Not Applicable	
ACOUSTIC CEILING SYSTEM									
EA1901, 02	Gyptone™ Tile Line 4 Activ' Air	10mm	1200mm	600mm	1200mm	600mm	-	0.60-0.7 / 0.7-0.75 / C	
EA1903, 04	Gyptone™ Tile Point 11 Activ' Air	10mm	1200mm	600mm	1200mm	600mm	-	0.65-0.75 / 0.65-0.7 / C	
EA1905	Celotex® Fine Fissured mineral fibre tiles	15mm	1200mm	600mm	1200mm	600mm	0,26	0.5 / 0.55 / D	
EA1906, 07	Celotex® Pin Perforated mineral fibre tiles	15mm	1200mm	600mm	1200mm	600mm	26	0.5 / 0.55 / D	
EA1908, 09	Cineplex® tissue-faced acoustic tiles	40mm	1200mm	600mm	1200mm	600mm	1,25	- / 0.80 - 0.90 / -	
EA1910	Soundlite® vinyl-faced acoustic tiles	25mm / 40mm	1200mm	600mm	1200mm	600mm	0.78 / 1,25	- / 0.65 - 0.75 / -	
FIRE RATED CEILING SYSTEM ¹									
EF1901	Celotex® Fine Fissured mineral fibre tiles (60 min)	15mm	1200mm	600mm	-	-	0,26	0.5 / 0.55 / D	
EF1902	Celotex® Pin Perforated mineral fibre tiles (60 min)	15mm	1200mm	600mm	-	-	0,26	0.5 / 0.55 / D	

For improved thermal and acoustic performance, install Cavitybatt / Factorylite

¹ (NB) The system was not designed for and does not meet the full requirements of SANS 10177-2 (Stability, Integrity and Insulation). It meets the criteria for STABILITY AND INTEGRITY ONLY.

Insulation - Minimum requirement total R-value (m² K/W) as per SANS 10400 XA

Climatic Zone					
1	3	2	4	5	6
3,7	2,7	3,2	3,7	2,7	3,5

SAINT-GOBAIN ECOPHON CEILING SYSTEM

System Reference Number	Board / Tile Type	Board / Tile Thickness (mm)	Framework Spacing (centres)				R-value (m ² K/W)	(aw) Absorption Coefficient/NRC /Absorption Class - (inclusive of insulation)	Layout
			Gypframe™/DONN		Gypframe™				
			T38FR Main Tee	1200mm+/600mm T38FR Cross Tee	Gypframe™ T Main Tee	1200mm +/600mm Gypframe™ T Cross Tee			
GEDINA MODULAR CEILING SYSTEM									
18864	Gedina A	15mm	1200mm	600mm	1200mm	600mm	0,53	0.30-0.95 / 0.80-0.85 / A, C, D	
18039	Gedina E	15mm	1200mm	600mm	1200mm	600mm	0,53	0.30-1.0 / 0.85 / A, C, D	
FOCUS MODULAR CEILING SYSTEM									
17994	Focus A	20mm	1200mm	600mm	1200mm	600mm	0,65	0.35-0.93 / 0.30-1.0 / A, C, D	
18013	Focus E	20mm	1200mm	600mm	1200mm	600mm	0,65	0.85-0.90 / 0.85-0.95 / A, B	
MASTER MODULAR CEILING SYSTEM									
18030	Master A	40mm	1200mm	600mm	1200mm	600mm	1,29	0.95-1.0 / 1.0 / A	
G35442026	Master E	40mm	1200mm	600mm	1200mm	600mm	1,29	0.90-1.0 / 1.0 / A	

