



NOTE: * ACR = Axial Capacity Reduction. Acoustic performance valid for studs with BMT stated in table.

SYSTEM SPECIFICATION Refer to GYP548 Gyprock Commercial Installation Guide for further information			ACOUSTIC OPINION: PKA Predictor V16 Discontinuous Construction				
FRL Report/Opinion	SYSTEM N°	WALL LININGS	CAVITY WIDTH mm	148	200	250	300
			STUD DEPTH/BMT mm	64/Any			
			CAVITY INFILL (Refer to TABLE B13)	R _w / R _w +C _{tr}			
– /90/90 30/30/30 (from both sides) FAR 2357	CSR 1382 	SIDE ONE • 2 x 13mm Gyprock Fyrchek Plasterboard. SIDE TWO • 1 x 13mm Gyprock Fyrchek Plasterboard.	(a) Nil	47/41	48/42	49/43	50/44
			(b) 2 x 50 GW Acoustigard 11kg	60/51	60/51	61/52	62/53
			(c) 2 x 75 GW Acoustigard 11kg	62/53	63/54	64/55	64/55
			(d) 2 x MSB3 Polyester	57/48	57/49	58/50	58/50
			(e) 2 x 60 Soundscreen 1.7	63/53	64/54	64/54	65/55
			Wall Thickness mm	187	239	289	339
– /90/90 30/30/30 (from both sides) FAR 2357	CSR 1383 	SIDE ONE • 2 x 13mm Gyprock Fyrchek Plasterboard. SIDE TWO • 1 x 13mm Gyprock Fyrchek MR Plasterboard.	(a) Nil	47/41	48/42	49/43	50/44
			(b) 2 x 50 GW Acoustigard 11kg	60/51	60/51	61/52	62/53
			(c) 2 x 75 GW Acoustigard 11kg	62/53	63/54	64/55	64/55
			(d) 2 x MSB3 Polyester	56/48	57/49	58/50	58/50
			(e) 2 x 60 Soundscreen 1.7	63/53	64/54	64/54	65/55
			Wall Thickness mm	187	239	289	339
– /90/90 30/30/30 (from both sides) FAR 2357	CSR 1384 	SIDE ONE • 2 x 13mm Gyprock Fyrchek MR Plasterboard. SIDE TWO • 1 x 13mm Gyprock Fyrchek MR Plasterboard.	(a) Nil	47/41	48/42	49/43	50/44
			(b) 2 x 50 GW Acoustigard 11kg	60/51	60/51	61/52	62/53
			(c) 2 x 75 GW Acoustigard 11kg	62/53	63/54	64/55	64/55
			(d) 2 x MSB3 Polyester	56/48	57/49	58/50	58/50
			(e) 2 x 60 Soundscreen 1.7	63/53	64/54	64/54	65/55
			Wall Thickness mm	187	239	289	339
– /90/90 60/60/60 90/90/90* (from both sides) *ACR 15% FAR 2357	CSR 1385 	BOTH SIDES • 1 x 16mm Gyprock Fyrchek Plasterboard.	(a) Nil	42/36	43/37	44/38	45/39
			(b) 2 x 50 GW Acoustigard 11kg	56/47	56/47	57/48	58/49
			(c) 2 x 75 GW Acoustigard 14kg	59/50	60/51	61/52	61/52
			(d) 2 x MSB3 Polyester	52/44	53/45	54/46	54/46
			(e) 2 x 60 Soundscreen 1.7	59/49	60/50	60/50	61/51
			Wall Thickness mm	180	232	282	332
– /90/90 60/60/60 90/90/90* (from both sides) *ACR 15% FAR 2357	CSR 1386 	SIDE ONE • 1 x 16mm Gyprock Fyrchek MR Plasterboard. SIDE TWO • 1 x 16mm Gyprock Fyrchek Plasterboard.	(a) Nil	43/37	44/38	45/39	46/40
			(b) 2 x 50 GW Acoustigard 11kg	57/48	57/48	58/49	59/50
			(c) 2 x 75 GW Acoustigard 11kg	59/50	60/51	61/52	61/52
			(d) 2 x MSB3 Polyester	53/45	54/46	55/47	55/47
			(e) 2 x 60 Soundscreen 1.7	60/50	61/51	61/51	62/52
			Wall Thickness mm	180	232	282	332
– /90/90 60/60/60 90/90/90* (from both sides) *ACR 15% FAR 2357	CSR 1387 	BOTH SIDES • 1 x 16mm Gyprock Fyrchek MR Plasterboard.	(a) Nil	44/38	45/39	46/40	47/41
			(b) 2 x 50 GW Acoustigard 11kg	58/49	58/49	59/50	60/51
			(c) 2 x 75 GW Acoustigard 11kg	60/51	61/52	62/53	62/53
			(d) 2 x MSB3 Polyester	54/46	55/47	56/48	56/48
			(e) 2 x 60 Soundscreen 1.7	61/51	62/52	62/52	63/53
			Wall Thickness mm	180	232	282	332