

EPB Plasterboard Substitution Table



Allowable Plasterboard Substitutions for Fire & Noise Control Systems

The table below indicates which products can substitute the original plasterboard type specified.

- ✓ indicates that the FRR performance will be maintained
- X indicates that the FRR performance will be lower and so therefore the substitution is not allowed

Original EPB Plasterboard specified	FRR performance								
	EPB® Standard		EPB FireSmart®			EPB BraceSmart®/NoiseSmart®		EPB AquaSmart®	
	10mm	13mm	10mm	13mm	16mm	10mm	13mm	10mm	13mm
10mm EPB® Standard	-	✓	✓	✓	✓	✓	✓	✓	✓
13mm EPB® Standard	X	-	X	✓	✓	✓	✓	✓ ¹	✓
10mm EPB FireSmart®	X	✓	-	✓	✓	✓	✓	✓	✓
13mm EPB FireSmart®	X	X	X	-	✓	X	✓	X	✓
16mm EPB FireSmart®	X	X	X	X	-	X	X	X	X
10mm EPB BraceSmart®/NoiseSmart®	X	X	X	✓	✓	-	✓	✓ ¹	✓
13mm EPB BraceSmart®/NoiseSmart®	X	X	X	✓	✓	X	-	X	✓ ¹

Note 1 : See table below for STC reduction when substituting

The table below details the reduction in STC performance when substituting original specified plasterboard with AquaSmart

- ✓ indicates that the FRR performance will be maintained
- X indicates that the FRR performance will be lower and so therefore the substitution is not allowed

Original EPB Plasterboard specified	EPB Plasterboard Substitution Options - STC performance			
	10mm EPB AquaSmart®		13mm EPB AquaSmart®	
	Single layer One side	Single Layer Both sides	Single layer One side	Single Layer Both sides
10mm EPB® Standard	✓	✓	✓	✓
13mm EPB® Standard	Reduced by 1 STC	Reduced by 2 STC	✓	✓
10mm EPB FireSmart®	✓	✓	✓	✓
13mm EPB FireSmart®	X	X	✓	✓
16mm EPB FireSmart®	X	X	X	X
10mm EPB BraceSmart®/NoiseSmart®	Reduced by 1 STC	Reduced by 2 STC	✓	✓
10mm EPB BraceSmart®/NoiseSmart®	X	X	Reduced by 1 STC	Reduced by 2 STC