Elephant Plasterboard Substitution Table

Elephant Plasterboard

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 Elephant Plasterboard specified	FRR performance								
	Standard		FireSmart			MultiSmart		AquaSmart	
	10mm	13mm	10mm	13mm	16mm	10mm	13mm	10mm	13mm
10mm Standard	–	✓	✓	✓	✓	✓	✓	✓	✓
13mm Standard	X	–	X	✓	✓	✓	✓	✓[1]	✓
10mm FireSmart	X	✓	–	✓	✓	✓	✓	✓	✓
13mm FireSmart	X	X	X	–	✓	X	✓	X	✓
16mm FireSmart	X	X	X	X	–	X	X	X	X
10mm MultiSmart	X	X	X	✓	✓	–	✓	✓[1]	✓
13mm MultiSmart	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 Elephant Plasterboard specified	Elephant Plasterboard Substitution Options - STC performance			
	10mm AquaSmart		13mm AquaSmart	
	Single layer One side	Single Layer Both sides	Single layer One side	Single Layer Both sides
10mm Standard	✓	✓	✓	✓
13mm Standard	Reduced by 1 STC	Reduced by 2 STC	✓	✓
10mm FireSmart	✓	✓	✓	✓
13mm FireSmart	X	X	✓	✓
16mm FireSmart	X	X	X	X
10mm MultiSmart	Reduced by 1 STC	Reduced by 2 STC	✓	✓
13mm MultiSmart	X	X	Reduced by 1 STC	Reduced by 2 STC