

Elephant 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 Elephant Plasterboard specified | FRR performance | | | | | | |
|--|-----------------|----------|------------|------|----------------|----------------|-----------|
| | Standard-Plus | Standard | MultiSmart | | AquaSmart | | FireSmart |
| | 10mm | 13mm | 10mm | 13mm | 10mm | 13mm | 16mm |
| 10mm Standard-Plus | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13mm Standard | X | ✓ | ✓ | ✓ | ✓ ¹ | ✓ | ✓ |
| 10mm MultiSmart | X | X | ✓ | ✓ | ✓ ¹ | ✓ | ✓ |
| 13mm MultiSmart | X | X | X | ✓ | X | ✓ ¹ | ✓ |
| 16mm FireSmart | X | X | X | X | X | X | ✓ |

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-Plus | ✓ | ✓ | ✓ | ✓ |
| 13mm Standard | Reduced by 1 STC | Reduced by 2 STC | ✓ | ✓ |
| 10mm MultiSmart | Reduced by 1 STC | Reduced by 2 STC | ✓ | ✓ |
| 13mm MultiSmart | X | X | Reduced by 1 STC | Reduced by 2 STC |

For more information contact us on **0800 353 742** or visit **www.elephantplasterboard.co.nz**