

# whisper gold ultra

sound reducing underlay

**ESR+**  
Enhanced Sound  
Reduction **Plus**

Helps **reduce noise** transmission

**3.0**mm

## Choosing the **right** underlay

The Floorwise **Acoustica range** of dense rubber underlays are excellent at **absorbing noise**, both between floors by way of **impact sound reduction** and within the room through airborne noise reduction.

The Whisper range of foam underlays is also very good at absorbing impact noise but does not perform to the same standards as the Acoustica range for airborne sound. The Floorwise range of wood, laminate and LVT Underlays is all rated according to our Sound Reduction guide to help decide which product will be best for your project.



**100kg/m<sup>3</sup>**  
High Density Plus

**21dB**  
Impact sound reduction

**TOG 1.20**  
Thermal Insulation

**Fantastic floors** start with **floorwise**

Support ★★★★★☆ Impact Sound Reduction ★★★★★☆ Airborne Sound Reduction ★★★★★☆



**wiseup@**  
[www.floorwise.co.uk](http://www.floorwise.co.uk)



## Specification (typical values)

### PHYSICAL PROPERTIES

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Core material                | High density EVA foam                                      |
| Density (kg/m <sup>3</sup> ) | 100                                                        |
| Top surface                  | Printed gold metallised film moisture barrier with overlap |
| Bottom surface               | Black EVA foam                                             |
| Nominal thickness (mm)       | 3.00                                                       |
| Dimensions (m <sup>2</sup> ) | 1.00m x 10.00m = 10.00                                     |
| Roll weight (kg)             | 3.00                                                       |

### PRODUCT PERFORMANCE - BS EN 14499

### RESULTS

### STANDARD

|                                                               |   |                       |
|---------------------------------------------------------------|---|-----------------------|
| Elongation at 30N - length / width (%)                        | - | BS EN ISO 13934-1     |
| Breaking strength - length / width (N)                        | - |                       |
| Loss in thickness after long term static loading (%)          | - | ISO 3416              |
| Loss in thickness after dynamic loading (%)                   | - | BS ISO 2094           |
| Work of compression after dynamic loading (J/m <sup>2</sup> ) | - |                       |
| Retained work of compression (%)                              | - | BS 4098 / BS ISO 2094 |
| Compression after dynamic loading (mm)                        | - |                       |
| Resistance to cracking                                        | - | BS EN 14499           |
| Assessment of wear                                            | - | BS ISO 1036           |

### OTHER RELEVANT DATA

#### Flammability

|                    |   |                   |
|--------------------|---|-------------------|
| Hot metal nut test | - | BS 4790 / BS 5287 |
|--------------------|---|-------------------|

#### Thermal performance

|                          |      |              |
|--------------------------|------|--------------|
| Thermal resistance (tog) | 1.20 | BS 4745:2005 |
|--------------------------|------|--------------|

#### Acoustic performance

|                             |    |                   |
|-----------------------------|----|-------------------|
| Impact sound reduction (dB) | 21 | BS EN ISO 10140-3 |
|-----------------------------|----|-------------------|



Floorwise reference:FW9WGUE/Issue 3/ July 2023

Notes:

1. All values are nominal and may vary within our manufacturing tolerances
2. Some values may have been derived from the testing of similar products

3.0mm

Support ★★★★★☆ Impact Sound Reduction ★★★★★☆ Airborne Sound Reduction ★★★★★☆