



# KNAUF SHEETROCK® UNISPAN® PLASTERBOARD

Knauf Sheetrock® Unispan® has a re-engineered, lightweight core with Knauf's innovative Sag-defying Strength™ formulation. The panels have a superior sag-resistant performance that allows for greater span. The non-combustible gypsum core is encased in 100% recycled face and back papers. The panels have tapered long edges for easy finishing when used with Knauf's jointing compounds.



## Product Features

### High-Performance Lightweight Interior Plasterboard

- Lightest gypsum plasterboard by thickness available.
- Easier to lift, carry, and install.
- Improves installation speed and reduces wastage.
- Complies with international standard BS EN 520, or equivalent local standard for physical properties.
- Uniformed and stronger core helps in reducing board damages.

## Intended for

- Non-fire rated ceiling applications
- Commercial or residential construction
- Repair and remodel construction

## Advantages

### Sag Resistance

Shall be free from sagging or warping (defined as greater than 5mm measured in the panel centre) as a direct result of defects in material on factory workmanship. Sag resistance is measured under 'Standard Test Method for Physical Testing of Gypsum Panel Products<sup>1</sup>', ASTM C473-03; Section 14.0 Humidified Deflection.

### Lightweight

Ease of transportation, carrying, and handling.

### Sag-Defying Strength™

Specially formulated plasterboard panels with a high strength-to-weight ratio composite design offering better anti-sag performance.

### Reaction to Fire

Evaluated and complies with BS 476: Part 6 and BS 476: Part 7.

### Easy to Install

Scores and snaps easily, reducing installation time and wastages.

### Quality

Innovative manufacturing process that optimises the core structure for excellent physical properties and consistency in quality.

## Limitations

1. Avoid exposure to sustained temperatures exceeding 50°C.
2. The system installation shall be carried out in a controlled environment with temperature 0° – 40°C, RH up to 90%. The environment conditions shall remain within the said limits after completion.
3. Installation shall be free from excessive humidity, chemical fumes, corrosive substance, freezing temperature or vibration.
4. The quality assurance shall not cover damages caused by fire or direct contact with water including, condensation, caustics substance or vapour due to leaks or temperature and humidity conditions which cause condensation to develop on the plasterboards, or other elements of nature or act of God or by any form of physical abuse.
5. For wall application, maximum framing spacing is 24" (610mm) centres.
6. Intended for interior applications only and must be kept dry during handling and storage. Please see Knauf installation guidelines.
7. Wall cavities, floor cavities and other enclosed areas must be dry prior to being closed up and application of interior finishing. Insulation in the wall or floor cavities must be dry.
8. The product must be stored in a dry and clean area protected from possible damage by rain and excessive moisture. Care must be taken that the products are not damaged during delivery and must also be protected against possible abrasions.
9. If storing outdoors, stack sheets on a level, moisture-free platform and keep fully protected from the weather.

## Finishing and Decorating

It is essential that the level of finish is determined at the design stage since each level has specific requirements for substrate tolerances and plasterboard installation, jointing, and finishing. The desired level of finish may not be achieved unless all of these requirements are met through various stages of construction.

Knauf recommends the use of Knauf jointing compounds and the 3 coat jointing system using paper tape to achieve the best joint strength.

For priming and decorating with paint, texture or wall covering, follow manufacturer's directions or recommendations.

If using semi-gloss or gloss paint, it is recommended that plasterboard surface is finished to a Level 5 standard as these paints tend to highlight surface variations.

## Test Data

Knauf plasterboard complies with:

|                     | Property                       | Standard                       | Specification                      | Knauf Sheetrock® Unispan® 9.5mm |
|---------------------|--------------------------------|--------------------------------|------------------------------------|---------------------------------|
| Fire Reaction       | Surface-burning Characteristic | BS 476 Part 6<br>BS 476 Part 7 | Fire propagation /<br>Flame spread | Class O                         |
| Physical Properties | Flexural Strength              | BS EN 520                      | Longitudinal direction             | ≥400 N                          |
|                     |                                |                                | Transverse direction               | ≥160 N                          |

## Product Data

| Property                | Knauf Sheetrock® Unispan® 9.5mm |                   |             |
|-------------------------|---------------------------------|-------------------|-------------|
| Nominal Weight (kg/m²)  | 5.3                             | Edges             | Tapered     |
| Nominal Density (kg/m³) | 558                             | Face Paper Colour | Ivory       |
| Thickness (mm)          | 9.5                             | Dimension (mm)    | 1220 x 2440 |

\*Please refer to KNAUF representative for other board sizes.

## Compliance

- Class O certification under BS 476 Part 6 and BS 476 Part 7
- Qualifies as low VOC content material



**Knauf Singapore Pte. Ltd.**  
79 Anson Road #07-01 Singapore 079906  
T: (65) 6272 9272 E: contact-us.sg@knauf.com W: www.knauf.com

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