

KNAUF SHEETROCK® STANDARD CORE™ PLASTERBOARD

Knauf Sheetrock® StandardCORE™ plasterboard 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 spans. The non-combustible gypsum core is encased in 100% recycled face and back papers. Knauf Sheetrock® StandardCORE™ plasterboard has two tapered long edges for easy finishing when used with Knauf's Joint Compounds.

Knauf Sheetrock® StandardCORE™ Plasterboard (Walls)

Product Features

High-Performance Lightweight Interior Plasterboard

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

Intended For

- Non-fire rated partition applications
- Commercial or residential construction
- Repair and remodel construction
- Steel framing

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 1', 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

Non-combustible. Evaluated and complies with BS 476: Part 4.

Easy to Install

Scores and snaps easily, reducing installation time and wastage.

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, 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. 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. Plasterboard stacking supports should be spaced at no more than 600mm centres.
9. 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.

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 joint 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 the plasterboard surface is finished to a Level 5 standard as these paints tend to highlight surface variations.

Test Data

Knauf Sheetrock® StandardCORE™ plasterboard complies with:

	Property	Test Methods	Specification	Knauf Sheetrock® StandardCORE™ 12.5mm	Knauf Sheetrock® StandardCORE™ 16.0mm
Fire Reaction	Non-combustibility	BS 476 Part 4	Pass	Pass	Pass
Physical Properties	Flexural Strength	BS EN 520	Parallel	>550N	>688N
			Perpendicular	>210N	>268.8N

Product Data

Property	Knauf Sheetrock® StandardCORE™ 12.5 / 16.0mm
Weight (kg/m²)	7.4 / 10.9
Nominal Density (kg/m³)	594 / 684
Thickness (mm)	12.5 / 16.0
Width (mm)	1220
Length (mm) *	2440
Edges	Tapered
Face Paper Colour	Ivory

*Custom lengths available. Please refer to your Knauf representative for other board sizes.

Compliance

- The sag performance for Knauf Sheetrock® StandardCORE™ plasterboard has been verified by Knauf's Products & Systems Technical Centre (PSTC) in accordance with temperature and humidity conditions stipulated in ASTM C473 on small samples and large scale ceiling systems.
- Qualifies as low-VOC content material.

Submittal Approval

Job Name	
Contractor	Date

