



HEXAGON + LED

Series 0045 · LED panel — integrated LED

LED INTEGRATED

A1 · EN 13501-1

LED PANEL



HEXAGON — 3D gypsum wall panel, supplied white and painted on site.

KEY FACTS — PER PANEL

PANEL SIZE 350 × 300 MM	THICKNESS 32 / 10 MM	WEIGHT PER PANEL 3 KG
COVERAGE PER PANEL 0.08 M ²	PANELS PER M ² 12.5 PCS	SUPPLIED AS SET OF 6 PANELS

Hexagonal panel: 350 mm across corners × 300 mm across flats · edge length 175 mm. LED panels are 32 mm thick; panels without LED are 10 mm.

MATERIAL & COMPOSITION
● Reinforced gypsum fibre board — EN 15283-2:2008+A1:2009
● Mineral composition · no harmful additives
● Mean density 1130 kg/m³ (EN 15283-2)
● Supplied white, unfinished — painted on site in any colour
● For dry interior walls and ceilings

REACTION TO FIRE

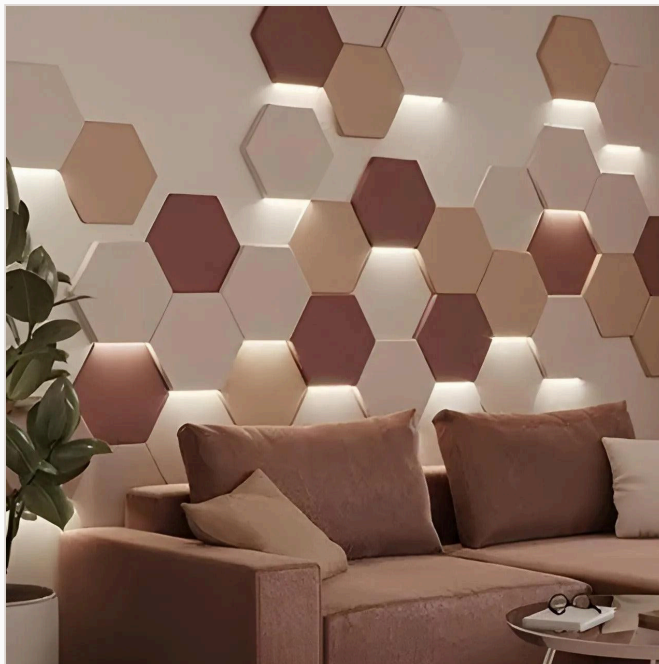
A1Classified **A1 (EN 13501-1)** — the highest fire rating under European fire safety standards. Non-combustible.

Classification report No. 1871-CPR-RtF-921 · CTEC Ltd, Notified Body 1871 · AVCP System 3 · Tested to EN ISO 1182 / EN ISO 1716

IN DETAIL



HEXAGON · PRODUCT TILE



HEXAGON · INTERIOR

LED LIGHTING — INTEGRATED

HEXAGON ships as a set of 2 panels: one with LED, one without. The LED profile is integrated into one side of the hexagonal shape.

LED power: 1.02 W

Standard: 6000 K

On request: 3000 K

On request: 4000 K

On request: RGB

Other light options are available on request — a surcharge and additional lead time may apply. Plan the power supply before installation; a qualified electrician may be required for the electrical connection.

INSTALLATION SUMMARY

- 1 **Acclimatise.** Keep panels in their original packaging, stored vertically as delivered, for 24 hours in the room before installation. Unpack immediately before installing.
- 2 **Bond.** Fix to a firm, level, clean substrate with gypsum-based adhesive; mechanical fixing where required.
- 3 **Fill joints.** Use a fine, soft filler paste — not the adhesive gypsum putty.
- 4 **Finish.** Sand and prime the filled joints.
- 5 **Paint.** On site, in any colour.

Any skilled tiler or plasterer can handle the installation. For LED elements, involve a qualified electrician for the electrical connection.

STORAGE & HANDLING

- Store vertically in the original packaging, as delivered on the pallet — never flat
- Dry interior storage, 15–25 °C, 40–60 % RH
- Protect from moisture and direct water contact

DELIVERY

IN STOCK

HANDLING 1–3 BUSINESS DAYS

EU DELIVERY 5–10 BUSINESS DAYS

Custom LED configurations and other special requests may require additional lead time.

RELATED DOCUMENTATION

Declaration of Performance (DoP)

Technical Data Sheet — product family

Compliance Summary Report

Installation guide & videos

Request the complete document pack via “Get the spec sheets” on the product page, or write to info@kandes.ch. The EN 13501-1 fire classification report (No. 1871-CPR-RtF-921) is available on request.