

HOW MUCH MATERIAL DO YOU REALLY NEED?

Practical consumption guidelines for the most commonly used TWEHA® products

One of the most frequent questions we receive at TWEHA® is: “How much material do I need for my façade project?”

Correct material estimation is essential for:

- accurate project budgeting,
- efficient site logistics,
- reducing waste,
- and avoiding costly installation delays.

To help installers, façade engineers, and project managers plan more efficiently, we have summarized the expected consumption rates of the most used TWEHA® products.

Please note that actual consumption may vary depending on:

- installer experience,
- substrate conditions,
- application method,
- environmental conditions,
- and project detailing.

TWEHA® Adhesives

The consumption of adhesive depends primarily on:

- bead geometry,
- application consistency,
- and installer skill.

The calculations below are based on a triangular adhesive bead of approximately 9 × 9 mm.

- 290 ml Cartridge

Expected material consumption:

- Net theoretical yield: approximately **7.1 linear meters (23.3 ft)**
- Practical site consumption: typically, **> 6 linear meters (20 ft)**

This makes the 290 ml cartridge particularly suitable for:

- smaller façade sections,
- detail work,
- repairs,
- and low-volume applications.

- 600 ml Foil Pack

Expected material consumption:

- Net theoretical yield: approximately **14.8 linear meters (48.5 ft)**
- Practical site consumption: typically, **> 12 linear meters (39 ft)**

The 600 ml foil pack is ideal for:

- larger façade projects,
- higher installation efficiency,
- and reduce packaging waste.

TWEHA® Cleaner+

Proper cleaning is essential for achieving reliable long-term adhesion performance. TWEHA® Cleaner+ is designed for effective preparation of both façade panels and metal substructures.

- **500 ml Aerosol**

Expected material consumption:

- Approximately **20 m² (24 sq. yd) net surface**
- Equivalent to approximately **10 m² (12 sq. yd) of complete cladding area**
(panel + metal substructure)

- **5 Liter Can**

Expected material consumption:

- Approximately **200 m² (239 sq. yd) net surface**
- Equivalent to approximately **100 m² (120 sq. yd) of complete cladding area**
(panel + metal substructure)

The larger packaging is especially cost-efficient for medium and large-scale façade projects.

TWEHA® PreFix X-tra

TWEHA® PreFix X-tra provides temporary initial fixation during adhesive curing.

- **1 kg Set**

Expected material consumption:

- Approximately **100 linear meters (328 ft)**
- Based on a tape width of **100 mm (4")**

Efficient use of PreFix X-tra contributes to:

- faster installation,
- accurate panel positioning,
- and improved installation safety.

TWEHA® Blacken

TWEHA® Blacken is commonly used to visually darken visible panel edges and improve façade aesthetics.

- **Set of 5 Tubes (30 ml each)**

Expected material consumption:

- Approximately **150 linear meters (492 ft)**
- Based on a treatment width of **20 mm (0.8")**

This provides an efficient finishing solution for high-quality ventilated façade systems.

TWEHA® WoodProtect

TWEHA® WoodProtect is used to protect timber substructures against moisture and environmental exposure.

- **1 Liter Can**

Expected material consumption:

- Approximately **300 linear meters (984 ft)**
- Based on timber dimensions of:
19 × 45 mm (0.75" × 1.77")

Proper treatment of timber substructures contributes significantly to long-term façade durability.

Why accurate estimation matters

Reliable consumption calculations help:

- optimize purchasing,
- reduce waste,
- improve planning accuracy,
- and avoid unnecessary interruptions during installation.

At TWEHA®, we support façade professionals not only with high-performance bonding systems, but also with practical technical guidance that helps projects run more efficiently from design to installation.

Need project-specific advice?

Every façade project is unique.

Factors such as:

- panel dimensions,
- joint geometry,
- substrate type,
- wind loads,
- and installation method

can all influence material consumption.

Our technical team is always available to help estimate the correct material quantities for your specific façade application.

Or use our Quantity Calculator on our website and TWEHA®-app.

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