



— TENDER TEXT · BILL OF QUANTITIES —

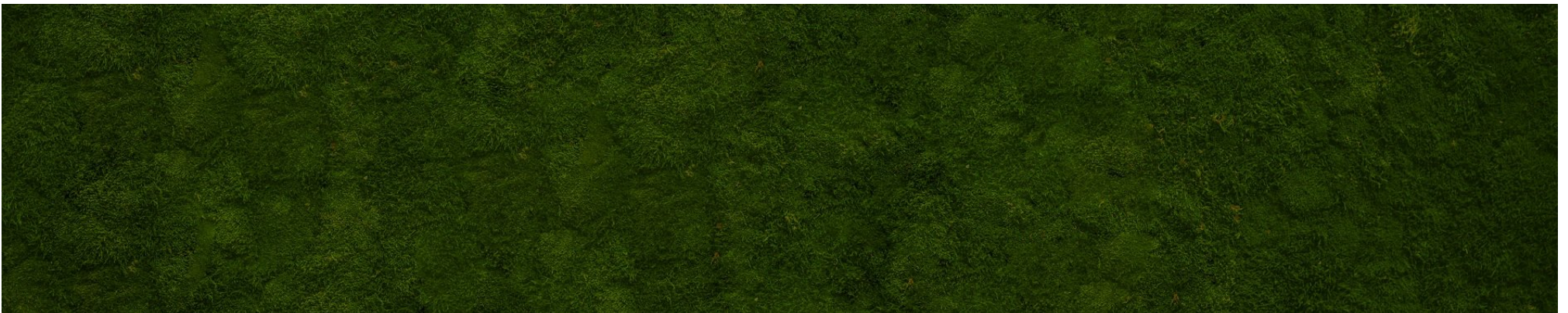
# Façade design with preserved forest moss

MOOSMOOS Greenovation — architects' edition. Reference product with  
objective equivalence criteria.

ARCHITECTS' EDITION

REFERENCE PRODUCT OR EQUIVALENT

VERSION 10.09.2026



PRESERVED FOREST MOSS · OUTDOOR PLUS EXTERIOR PRESERVATION

REAR-VENTILATED CURTAIN WALL FAÇADE

## A · BASIS OF TENDER

# Minimum technical requirements and definition of equivalence

**REFERENCE PRODUCT** MOOSMOOS Greenovation, Bergermann Floristik GmbH, or technically and aesthetically equivalent.

For a different product, equivalence must be fully demonstrated by manufacturer documentation, test and approval certificates and an original sample.

- ◆ Natural forest moss for outdoor use, harvested sustainably under controlled conditions.
- ◆ MOOSMOOS Druckpräparationsverfahren+ with special Outdoor PLUS preservation or demonstrably equivalent exterior preservation.
- ◆ Panel approx. 750 × 1,500 mm; build-up approx. 20–40 mm; system weight approx. 18 kg/m<sup>2</sup> when wet.
- ◆ Carrier panel of 6 mm aluminium composite, weather-resistant and dimensionally stable.
- ◆ Flexible honeycomb mesh securing the moss surface with corrosion-resistant fasteners.
- ◆ Care-free use without irrigation, fertilising or pruning; rainwater absorption up to 8 l/m<sup>2</sup>.
- ◆ Sound-absorbing properties, demonstrated by in-situ measurement to DIN EN 1793-5; fire protection certificate to DIN EN 13501-1 (B1 / A2 certification in progress).
- ◆ Rear-ventilated curtain wall substructure; reference product EJOT CROSSFIX® ETA 21/0756 or equivalent proof of usability.
- ◆ Minimum warranty of 6 years for the Greenovation exterior application in accordance with the manufacturer's terms.

**PLANNING NOTE** Structural stability, wind loads, anchoring substrate, fixing spacings, fire protection requirements and connection details are to be determined project-specifically by specialist planners or the manufacturer's structural engineering.

## 0 · PRELIMINARY REMARKS

# General requirements for supply, shop drawings and installation

**0.1** Scope

Façade design with preserved forest moss as rear-ventilated curtain wall cladding including the required system components, unless tendered separately.

**0.2** Measurement / survey of existing conditions

Check and measure façade areas before fabrication; verify load-bearing capacity, flatness and fixing substrate. Report deviations to site management before execution.

**0.3** Shop and installation drawings

Project-specific planning with panel grid, substructure, fixed/sliding points as well as edge, corner, window, door, parapet and base connections.

**0.4** Samples / approval

Agree colour shade, forest moss structure, honeycomb mesh and visible connection details before series production on the basis of an original sample or mock-up area.

**0.5** Ancillary services

Transport, interim storage, protection of adjacent components, standard cuts, offcuts, sundries and cleaning are to be included in the unit prices unless listed separately.

**0.6** Documentation

Hand over manufacturer data sheet, relevant test/approval certificates and project-specific as-built documentation on completion.

1 · BILL OF QUANTITIES – GREENOVATION

Main item: façade panel and substructure

| ITEM | DESCRIPTION OF WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | UNIT | QTY | UNIT PRICE € | TOTAL € |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|---------|
| 1.10 | <p>Greenovation forest moss façade panel</p> <p>Supply and install a care-free façade greening of natural, preserved forest moss. Panel approx. 750 × 1,500 × 20–40 mm; approx. 18 kg/m² wet; 6 mm aluminium composite carrier panel; moss surface secured by flexible honeycomb mesh and corrosion-resistant fixings. Exterior preservation MOOSMOOS Outdoor PLUS or equivalent. Closed, natural surface with minimal joints. Care-free; rainwater absorption up to 8 l/m²; sound-absorbing (in-situ measurement to DIN EN 1793-5); fire protection certificate DIN EN 13501-1. Including measurement, standard cuts, sundries and installation, unless tendered separately.</p> | m²   |     |              |         |
| 1.20 | <p>Substructure, rear-ventilated façade</p> <p>Supply and install a project-specifically dimensioned substructure for a rear-ventilated curtain wall façade. Reference product EJOT CROSSFIX® or equivalent; A4 stainless-steel brackets with thermal stop and aluminium support profiles. Fixed and sliding points for unrestrained thermal movement. Anchoring in the load-bearing substrate according to structural requirements. For CROSSFIX®: ETA 21/0756; execution in the context of DIN 18516-1.</p>                                                                                                                                                                     | m²   |     |              |         |
| 1.30 | <p>System/installation design (optional)</p> <p>Project-specific structural design of the substructure taking into account dead weight, wind load, fixing substrate, building height and edge and corner zones; including fixing concept and fixed/sliding point planning.</p>                                                                                                                                                                                                                                                                                                                                                                                                    | psch |     |              |         |

2 · DETAIL AND CONNECTION ITEMS

Corners, reveals, edge terminations and special details

| ITEM | DESCRIPTION OF WORK                                                                                                                                                                                                       | UNIT | QTY | UNIT PRICE € | TOTAL € |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|---------|
| 2.10 | External corners (optional) System-compliant forming of building corners including additional substructure, cutting, edge profile/edge protection and fixing. Visible details subject to approval.                        | m    |     |              |         |
| 2.20 | Internal corners (optional) Forming of internal corners and recesses with a visually continuous forest moss surface including cuts and edge terminations.                                                                 | m    |     |              |         |
| 2.30 | Window and door reveals (optional) Cladding or system-compliant connection to window and door reveals including cuts, substructure and clean transition to frames, sills and adjacent components.                         | m    |     |              |         |
| 2.40 | Parapet, base and lateral edge terminations (optional) Forming of top, bottom and lateral terminations including protective/edge profiles according to detail design. Drainage and rear ventilation must not be impaired. | m    |     |              |         |
| 2.50 | Cut-outs / penetrations (optional) Precise cut-outs and connections for luminaires, signs, cables, fixing points or other fittings including finishing work on carrier panel, honeycomb mesh and substructure.            | St   |     |              |         |
| 2.60 | Special formats / curves / slopes (optional) Production of special geometric cuts, curves, slopes or other special shapes according to shop drawings; billed per executed special format or as a surcharge.               | m²   |     |              |         |

3 · OPTIONAL SERVICES

Mock-up, scaffolding, lifting equipment and documentation

| ITEM | DESCRIPTION OF WORK                                                                                                                                                                                                                                        | UNIT | QTY | UNIT PRICE € | TOTAL € |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|---------|
| 3.10 | Sample area / mock-up (optional)<br>Production of a representative sample area including moss surface, honeycomb mesh, edge detail and selected connection for technical and design approval before series production.                                     | psch |     |              |         |
| 3.20 | Scaffolding (optional)<br>Provision, erection, hire and dismantling of a façade scaffold suitable for installation including protective measures, anchoring, side protection and access. Scaffold class and hire period according to project requirements. | m²   |     |              |         |
| 3.30 | Aerial work platform / lifting equipment (optional)<br>Provision of suitable lifting or access equipment for areas without scaffolding; billed per agreed deployment.                                                                                      | day  |     |              |         |
| 3.40 | As-built documentation (optional)<br>Handover of project-specific documentation with manufacturer data sheet, test/approval certificates, materials used, panel grid, substructure details and photo documentation.                                        | psch |     |              |         |

**NOTE ON PRICING** Scaffolding, lifting equipment, site facilities, permits, traffic management and exceptional difficulties are included only if expressly specified in the contract documents.

4 · BIDDER INFORMATION AND CERTIFICATES

To be completed by the bidder or enclosed with the offer

|                                 |  |
|---------------------------------|--|
| PRODUCT / SYSTEM OFFERED        |  |
| MANUFACTURER                    |  |
| PANEL DIMENSIONS                |  |
| BUILD-UP HEIGHT                 |  |
| WEIGHT WET [KG/M <sup>2</sup> ] |  |
| CARRIER PANEL / THICKNESS       |  |
| SUBSTRUCTURE SYSTEM             |  |
| APPROVAL / ETA                  |  |
| WARRANTY, EXTERIOR APPLICATION  |  |
| MOSS COLOUR / HONEYCOMB MESH    |  |

DOCUMENTS TO BE ENCLOSED WITH EQUIVALENCE OFFERS

- ☐ Manufacturer data sheet and system description
- ☐ Fire protection certificate to DIN EN 13501-1
- ☐ Proof of sound-absorbing properties (test report)
- ☐ Approval / proof of usability of the substructure; for CROSSFIX® ETA 21/0756
- ☐ Details of panel structure, exterior preservation, weight and rainwater absorption
- ☐ Original sample of the intended forest moss surface
- ☐ Proof of the 6-year minimum warranty for exterior application
- ☐ References of comparable exterior façade projects

**TENDER NOTE** Quantities are to be entered project-specifically. The wording “MOOSMOOS Greenovation or equivalent” should remain part of the tender together with the above equivalence criteria.