FORMA® CLICK - COMPOSITE CLADDING FOR GRAD®

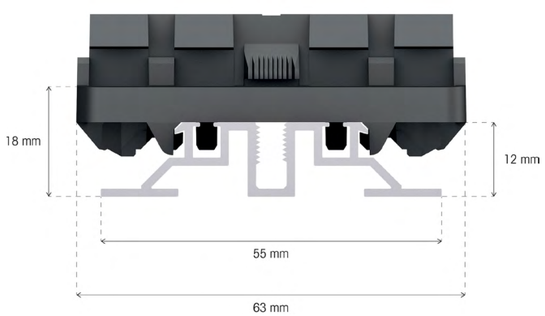
GRAD® RAIL SYSTEM SPECIFICATION

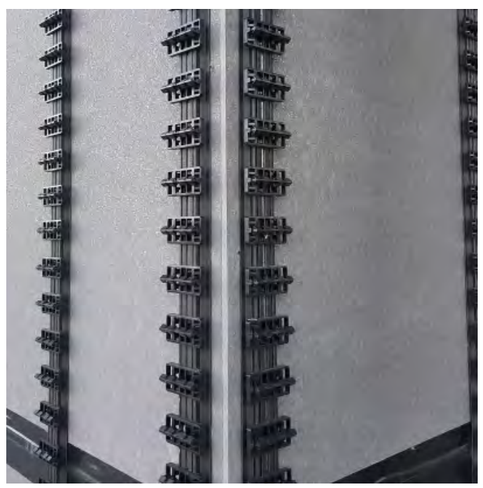
The Grad System takes cladding installation to the next level by replacing traditional joists with precision-engineered aluminium rails and clips, boards simply click into place—no nails, no visible screws, just flawless, continuous surfaces. The result is not only up to 50% faster installation, but also a finish that preserves the integrity of the Forma battens while showcasing their natural beauty.

Sustainability is at the heart of this partnership. With materials that are both recycled and recyclable, and a system that allows for easy board removal and reuse, the Ecoscape x Grad collaboration sets a new standard for innovative, sustainable, and future-ready cladding solutions.

Together, Ecoscape and Grad are reshaping outdoor living—bringing world-class design, engineering, and environmental responsibility into perfect alignment.

Description	Non-structural rail for installing exterior cladding, soffits, roofing, ceilings, and interior panelling.
Rail material	Aluminium 6060
Rail finish	Black
Clip material	Polyoxymethylene (POM)
Rail weight (including clips)	+/- 0,630 kg/ml
Pull-out strength of the clip on the rail	150 to 250 kg, for two fixing points (depending on the type of board)





GRAD CLIP SPACING

Grad aluminium cladding rails are pre-fitted with factory set clips at precise intervals, eliminating on site measuring, drilling, or fixing and allowing board to simply be pressed into place - delivering a faster, cleaner installation with guaranteed alignment and a flawless finish every time.



SMALL GRAD RAIL — 12mm x 55mm x 1989mm with consistent 51mm clip spacing, for 39 small boards per rail

ECOGDRS



MEDIUM GRAD RAIL — 12mm x 55mm 2001mm with consistent 69 clip spacing for 29 medium boards per rail

ECOGDRM



LARGE GRAD RAIL — 12mm x 55mm x 1984mm with alternating 68mm, 56mm, clip spacing, for 16 large boards per rail

ECOGDRL

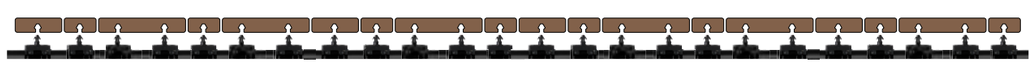


COMBI GRAD RAIL — 12mm x 55mm x 1969mm, clip spacing varies to create a collated mixed board pattern of 8 small, 8 medium and 8 large boards per rail

ECOGDVA

COMBI RAIL

The Grad Combi Rail is engineered to accommodate the mixed-width Combi configuration, allowing 45mm (S), 64mm (M) and 119mm (L) Forma Click boards to be installed in a pre-set pattern. This creates architectural variation while maintaining precise 5mm shadow gaps and consistent alignment.



TECHNICAL CHARACTERISTICS

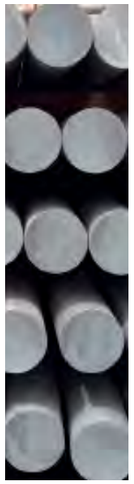
- Thin: only 38 mm thick including a 20 mm thick board
- Simple, quick and easy to install
- Light : 630 gr/ml
- Industrially pre-clipped rail for perfect drainage lines
- Each board can be removed individually with special keys adapted to the width of the board
- Rail can be cut to length
- No contact between the boards and the aluminium rail for better air circulation
- Invisible fastening
- Simple, quick and comfortable installation

ALUMINIUM

The 6060 alloy used for Grad® rails has excellent mechanical properties for structural use, allowing the systems to be installed in façades even in very exposed environments. This alloy also has a very good resistance to corrosion in outdoor environments near the seaside and in swimming pool locations..

RECYCLING INTERNAL SCRAP METAL

Thanks to its high recycling capacity, aluminium is a real energy asset and is integrated into the heart of the circular economy. Recycling is essential, so we apply the necessary sorting instructions to give new life to aluminium scrap.



RECYCLED & RECYCLABLE

Because it can be recycled over and over again, aluminium saves 95% of the energy and 70% of the water needed to produce primary aluminium. Since aluminium does not lose any of its qualities during the recycling process, this material makes it possible to approach the goal of zero waste in the long term.

ENVIRONMENT

By recycling and reusing materials we are able to minimise our environmental footprint and preserve natural resources.

EUROPEAN FABRICATION



THE GRAD® CLIP
Injected from Polyoxymethylene (POM)



INVISIBLE FASTENING SYSTEM
For cladding, the Grad system is recognized as complying with the requirements of DTU 41-2 for ventilated cladding.

EASILY DETACHABLE WITH KEYS
It is as easy to unclip a board as to clip it, thanks to keys developed to pass between 2 boards, and to insert between the aluminium rail and the lugs of the clips. The boards, clips and frame are not damaged, everything is re-positionable without difficulty.



100% RECYCLABLE

100% FRENCH FABRICATION
Made in Alsace

RESISTANT
The Grad system has been tested in the lab and, thanks to its high tensile strength, it can be used on buildings of 10 m and 28 m in areas that are highly exposed to wind.

RESOURCE EFFICIENCY
Due to the renewal of Grad's injection moulding machine park: the energy-intensive hydraulic presses have been replaced by low-consumption electric presses. In addition, air heaters have been installed in the injection moulding shop to heat the production area with the heat recovered from the cooling circuit of the injection moulding machines.