

HAMBURGER
BLECHWERK 

GREENCOAT®
COLORFUL STEEL



HAMBURG CASSETTE SYSTEMS

FOR ROOF EDGE AND FACADE CONSTRUCTION

GreenCoat® is a branded product from the SSAB concern

Minimalist perfection

- aesthetic, unpretentious appearance
- made from high-quality zinc plated and organically coated steel
- universally deployable
- lifelong sustainability
- environmentally friendly recycling
- extremely durable
- harmless to health during processing



Durable,
ecological,
economical.





Just three basic co

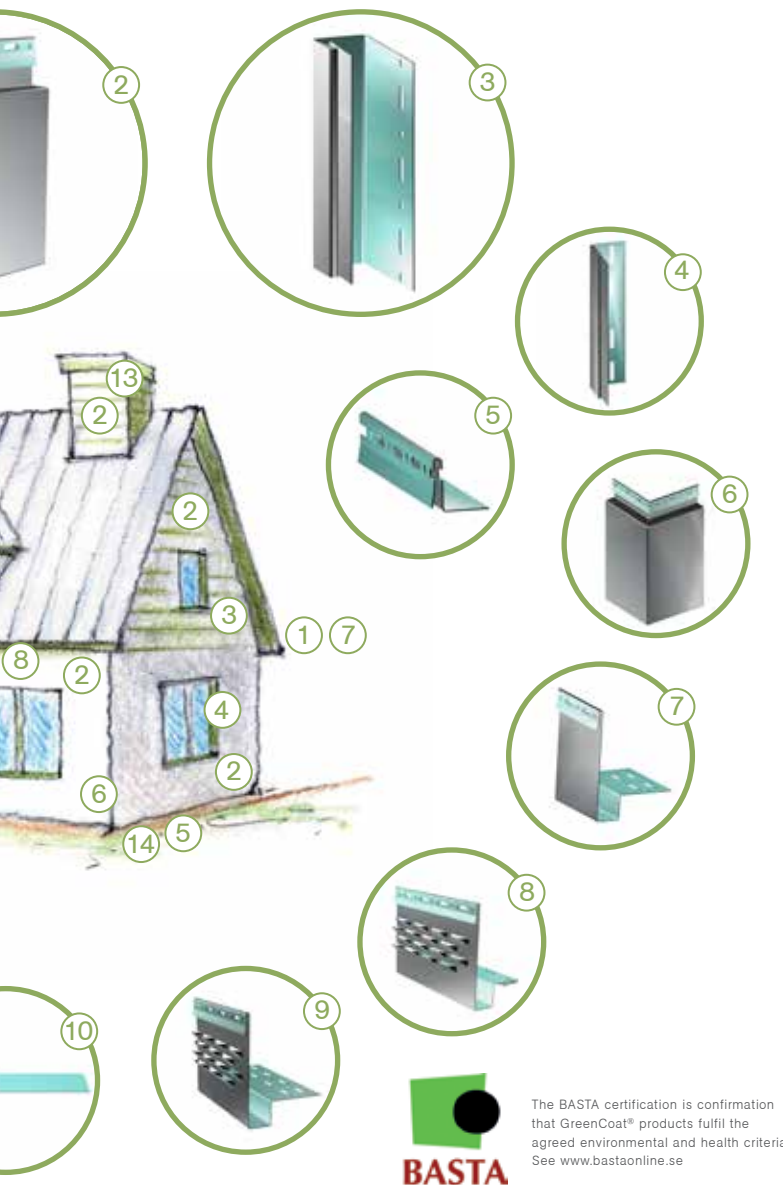


- 1 **HOTF** – Hamburger verge and eaves profile for façade panel
- 2 **HFP** – Hamburger façade panel
- 3 **WAP** – Wall connection profile
- 4 **FTAP** – Window and door connecting profile

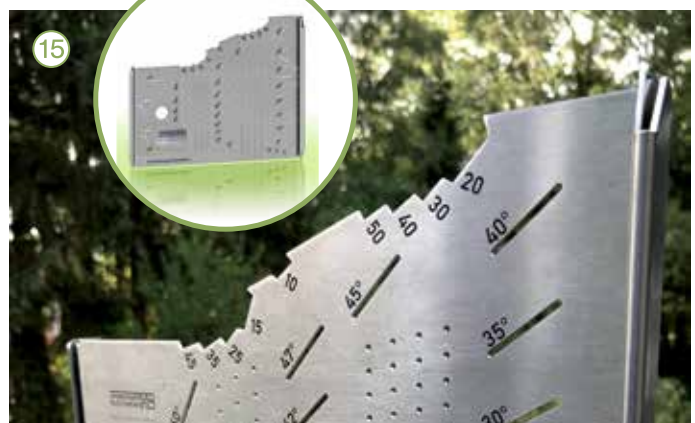
- 5 **SPF** – Façade start profile
- 6 **HEFP** – Hamburger corner façade panel
- 7 **HOTH** – Hamburger verge and eaves profile for wood



Components – done!



The BASTA certification is confirmation that GreenCoat® products fulfil the agreed environmental and health criteria. See www.bastaonline.se



- 8 HOTFB** – Hamburger verge and eaves profile for façade with ventilation
- 9 HOTHB** – Hamburger verge and eaves profile for wood with ventilation
- 10 HOV** – Verge lengthening for undercut

- 11 SP** – Start profile
- 12 FSP** – Façade side profile
- 13 UPF1** – U-profile
- 14 FSB** – Façade start profile with ventilation
- 15 HA** – Hamburger edging plate

Cassette systems – Roofs and facades for the future.

Effective designing, healthier working – with our new, tried and tested and environmentally friendly all-round system for roof and façade construction.

Long-lasting, ecological and economical: Roofs and façades can be designed and clad in an optimum way using our universal plug-in system consisting of standard elements. Hamburger profiles and panels constitute a system without visible fastenings, with a simple and minimalist appearance. This system allows any processing company to implement complex architectural customer requirements in the Bauhaus style on the construction site.



Our cladding systems protect the environment, the residents and the tradespeople on the construction site: No evaporation or dust that is hazardous to health is produced during processing. The starting material for the systems consists of environmentally friendly, organically coated GreenCoat® steel sheets from SSAB Swedish Steel. These combine excellent mechanical properties and outstanding cost-effectiveness, a long service life, simple maintenance and good environmental properties. Modern, simple and with a patented organic GreenCoat® coating, derived from Swedish vegetable oil: GreenCoat® steel sheets from SSAB are 100 % (magnetically) recyclable and free of harmful additives.

The Hamburger profile panel system ...

- only requires a simple and material-protecting but well-aligned substructure.
- guarantees quick installation thanks to pre-punched attachment holes.
- adaptable to any usage area with just a few work operations.
- can be processed on site using conventional sheet metal processing tools (chop saw, jig saw, angle grinder with an offset stainless steel disk max. 0.8 mm *, plate shears, nibbler) or the Hamburger edging plate.
- has a modern, easy-care appearance.
- is free of cement dust, stainless steel, aluminium and various traces of plastic.
- also available in copper, zinc and Corten steel.

After a brief familiarisation period, the system can be fitted without a large machine pool (benders, plate shears etc.). Hamburger Blechwerk provides regular training courses or support from trainers for effective use of the system.

* Information for connecting and separating materials at less than 100 °C can be found at www.hamburger-blechwerk.de

GreenCoat® is a branded product from the SSAB concern



Easy to install

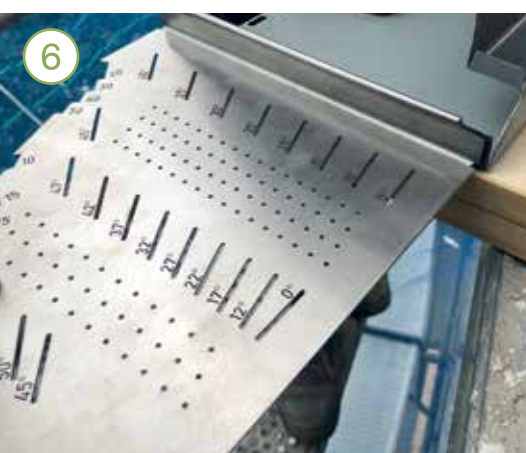
A neat finish is a sign of quality. For this reason, easy and precise installation is just as important as the quality of the product itself. The cassette system for roof edge cladding consists of two basic profiles in different widths, the façade cladding system made from a basic panel in different widths, start and end profiles, and several recurring profiles and accessory products.

Each element can be adapted to the respective usage

area with just a few work operations. ② The panels are laid from top to bottom and are easy to lengthen.

① Special edging (e.g. window sills) or corners ⑥ can be made directly on the building site from basic panels or sheet metal. ③⑤⑦⑧ Cladding for verges and eaves is first cut, edged and connected on a level subsurface.

④ Cutting takes place using shears, a jig saw or an angle grinder with a max. 0.8 mm stainless steel disk – processing temperature max. 100 °C.





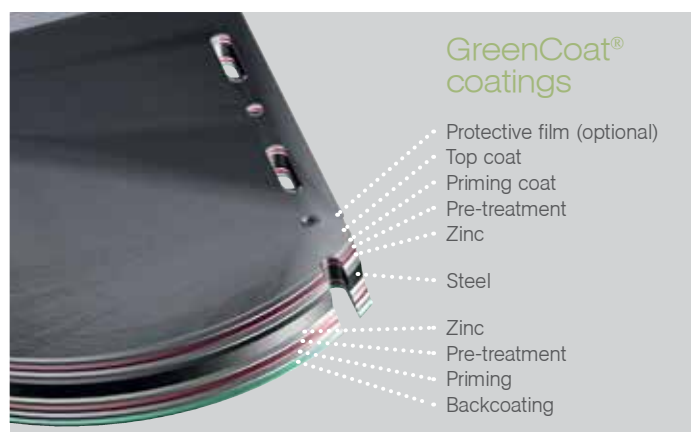
GREENCOAT®

COLORFUL STEEL

GreenCoat® is a registered trade mark of SSAB. www.ssab.de/GreenCoat



The BASTA certification is confirmation that GreenCoat® products fulfil the agreed environmental and health criteria.
See www.bastaonline.se





Properties of GreenCoat® steel

In addition to zinc, copper and Corten steel, one of the base materials for our profiles consists of high-quality, zinc plated GreenCoat® steel from SSAB, with a sustainable coating derived from Swedish vegetable oil – with a manufacturer's 25-year guarantee on the appearance of the coating and 50 years on the functionality of the material. Available in anthracite (similar to RAL 7016), white (similar to RAL 9016) and metallic grey (similar to DB 702), special colours available by request.

- Material thickness 0.6-0.9 mm, zinc plating 350 g/m²
- Material in accordance with EN 10346 / DX 52D
- Coating thickness top 36 µ, bottom 10 µ
- Processing from -20 °C to +40 °C (connecting and separating temperature may not exceed 100 °C to protect the coloured coating.)
- Corrosion resistance RC 5

Universal, and so easy

Be it cutting, edging or installation – every processing stage of our profile panel systems is quick and effective. With a little skill and patience, even tradespeople with no prior knowledge of sheet metal processing can implement their creative ideas with our products.

Hamburger façade panel – HFP

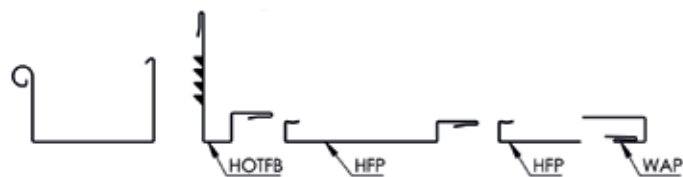
Versatile, ideal for roof edges, flat roofs, façade cladding and dormer cladding. The panel can be lengthened as a cassette or continuously butt-connected with an FPV connecting panel with an approx. 2-4 mm joint without a special substructure.

Hamburger verge and eaves profiles – HOTH, HOTHB, HOTF and HOTFB

Ideal for the verge and eaves area of pitched and flat roofs. It provides long-lasting, perfect design options and a high degree of UV-resistant protection from the effects of the weather, and attachment which is barely visible. The panel can be lengthened by butt-connecting with an OTPV connecting panel with an approx. 2-4 mm joint without a special substructure. (Pay attention to material expansion values)

Connecting profiles – UPF, FSB, SPF, FTAP and WAP

The façade panels and profiles can be connected to doors, windows and walls using a plug-in/screw-fixed attachment. Few attachment materials are visible because of the beneficial design.



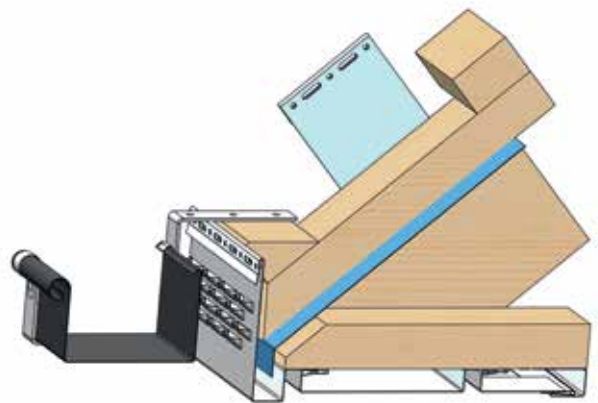
Standard edging at the ends of the panels can be carried out without problems directly on the building site with the specially developed Hamburger edging plate, the smallest “edging bench” in the world, or with other edging aids such as pliers.

Special solutions for back ventilation and drainage – Eaves ventilation with profile – HOFFB

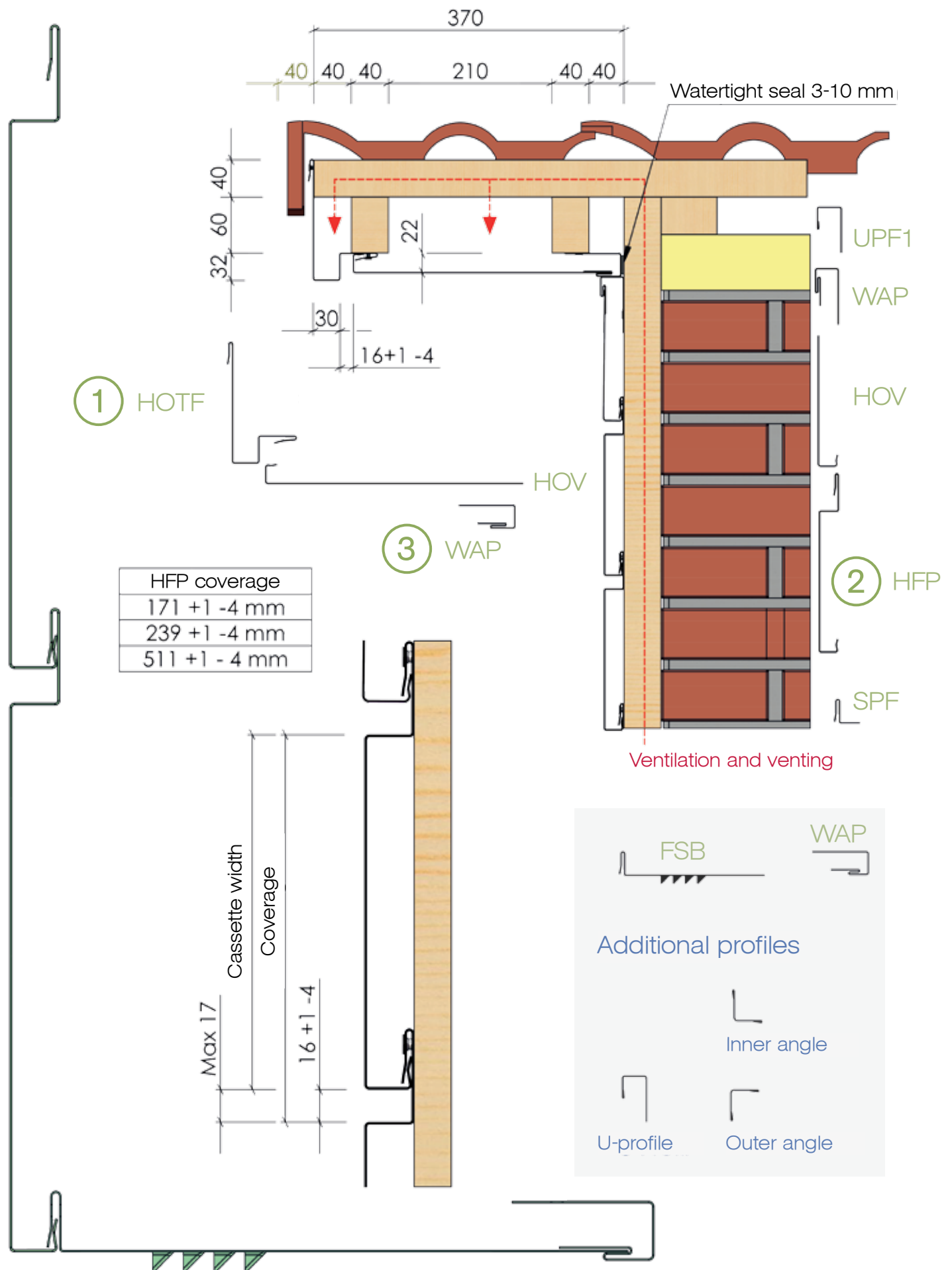
The profile contains barely visible ventilation openings and also provides a facility for draining any condensation from the roof substructure via the eaves. Verge and eaves profiles can be lengthened as required and installed in the overall width in two cuts. See detailed drawing in the application.

Special edging

Individual detailed solutions or additions with an identical appearance can be manufactured independently by any company, since GreenCoat PLX is available throughout Europe as a coil or in 1250 x 2000 mm sheets. We can deliver other materials and perforated plates for the ventilation structures in anthracite immediately.

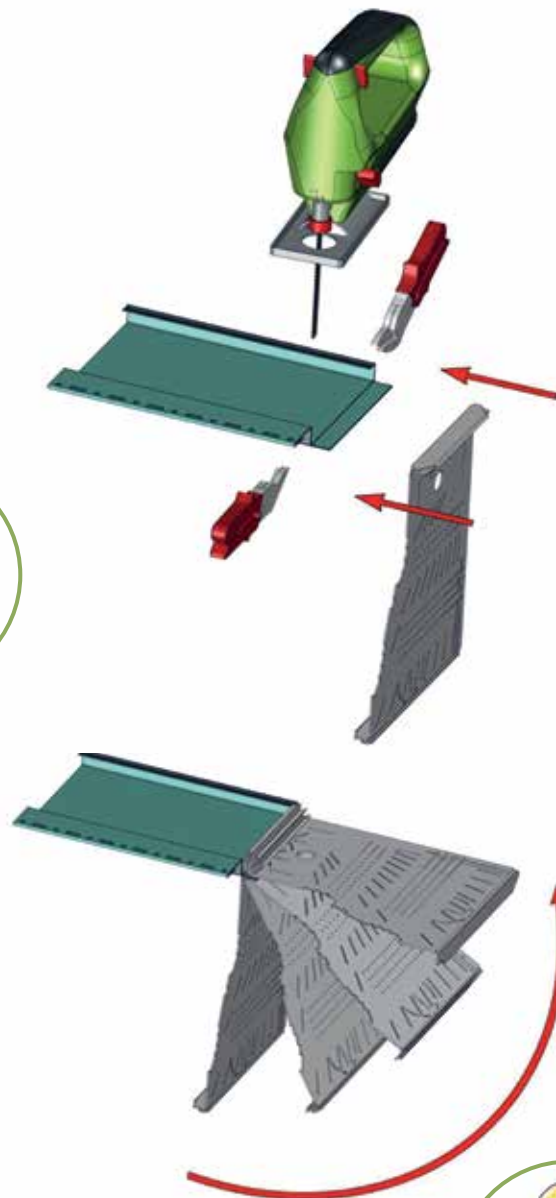


Just three basic elements ... ① – ② – ③



EASY HANDLING

1 Cutting



2 Edging



3 Installation



**HAMBURGER
BLECHWERK** 

HB Hamburger Blechwerk
Gesellschaft mbH

Emil-Andresen-Straße 38
D - 22529 Hamburg - Germany

Phone 0049-40-594 55 848
Fax 0049-40-594 55 847
Mobile 0049-179-812 88 99

www.hamburger-blechwerk.de
info@hamburger-blechwerk.de

