



PROJECT

Villeroy & Boch Welt
Museum + Outlet
Mettlach/Saarland

FAÇADE CHANNELS
+ HOMOGENEOUS GRATINGS





Villeroy & Boch Welt
und Outlet

VILLEROY & BOCH WELT

Museum + Outlet Mettlach/Saarland

ARCHITECT | LANDSCAPE ARCHITECT

AAg Architekten, Heidelberg | GDLa gornik denkmal, Heidelberg

FAÇADE DRAINAGE CHANNELS
HOMOGENEOUS GRATING DESIGN

Tradition 2.0

The Villeroy & Boch Welt [Villeroy & Boch World] proves that tradition does not necessarily have to come across as old-fashioned. Over the past 275 years, the company has helped shape the Saarland town of Mettlach. As part of the Mettlach 2.0 urban development project, Villeroy & Boch has transformed its large company estate – including the Old Abbey and the adjoining park – into a destination featuring museum and an outlet, from which the town also benefits.

A former production hall of the Faïencerie was revitalised to house the new outlet. The charm of the old industrial architecture has been preserved and complemented with modern glass and metal elements.

At the rear of the hall, with its large window areas, TTC façade drainage channels were installed along the entire length of the building.

The channels are covered with TTC stainless steel linear gratings of types KSF and KSM, which are finished in an iridescent black burnished finish to match the window frames and fitted with cut-outs for the downpipes. The profiles of the grates have also been technically adapted so they can be used likewise as guide rails for the large metal sliding shutters.



FACADE CHANNELS

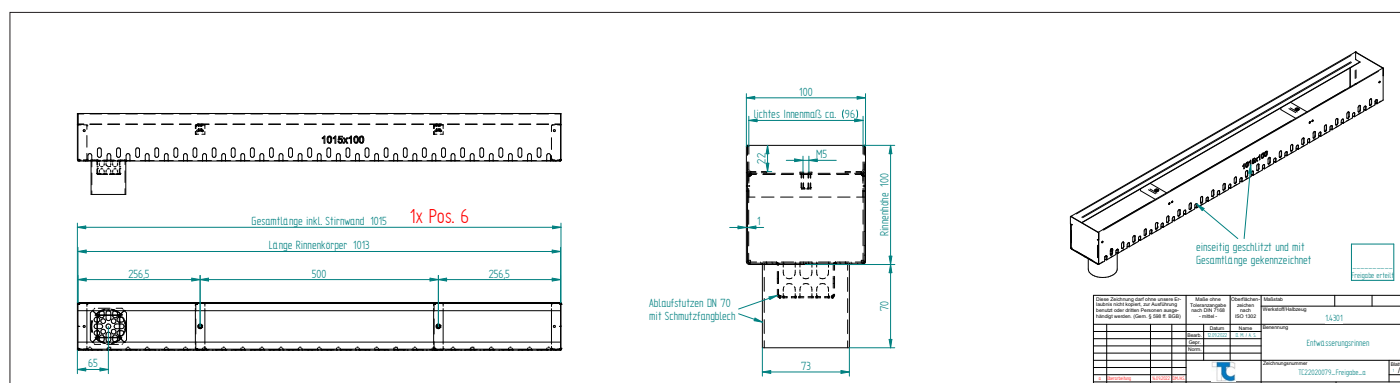
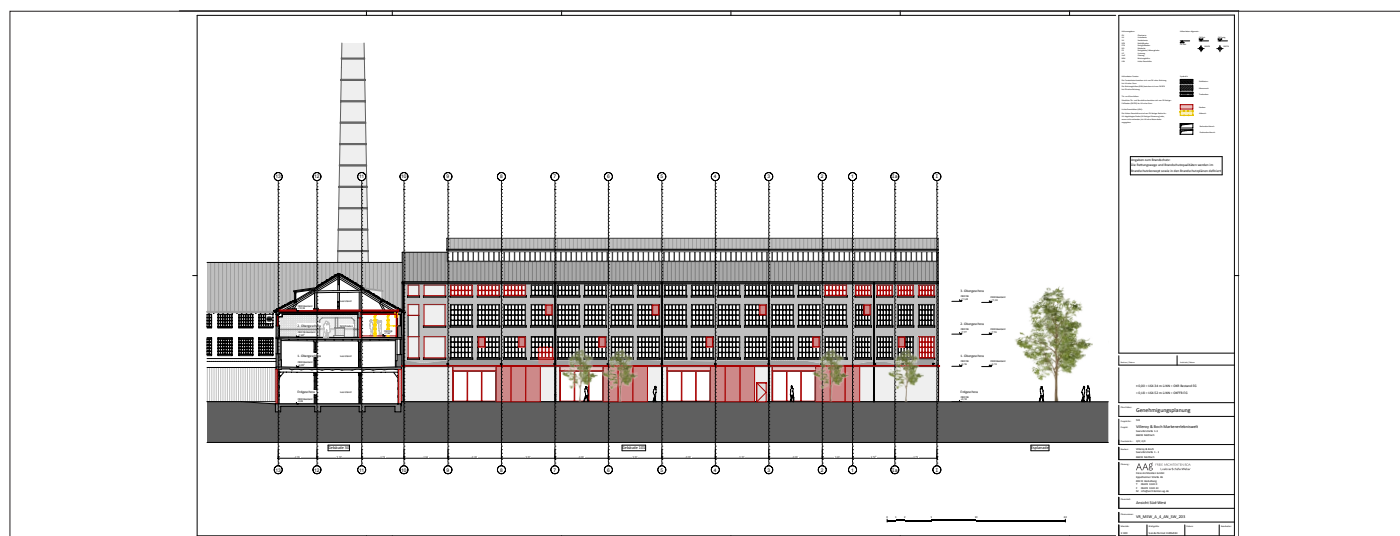
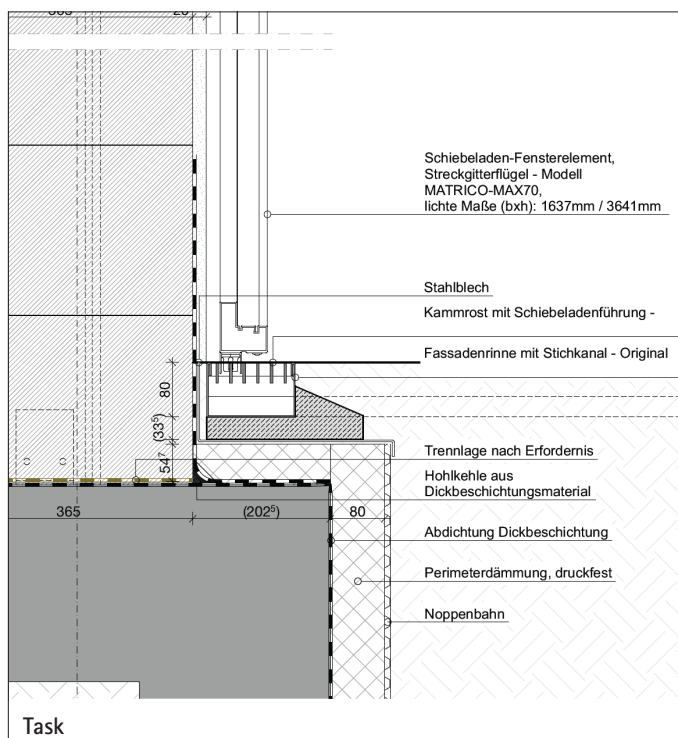
Technical specification

DRAINAGE CHANNELS



Façade channels

- Approx. 101 running metres façade channels type FR 10/K, stainless steel 1.4301, iridescent black burnished finish, in various lengths, height 80–100 mm, width 100–280 mm, slotted on both sides, partly with drain box
- Cover TTC linear grating type KSM-V [see page 5]
- Approx. 76 running metres façade channels type FR 10/K stainless steel 1.4301, in various lengths, 100x162 mm [HxW], slotted, reinforced cross-braces + folded grating supports
- Cover TTC linear grating type KSF-VA [see page 5]



LINEAR GRATING COVER

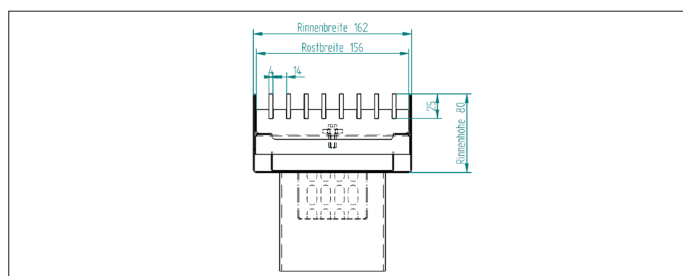
Technical specification

HOMOGENEOUS GRATING DESIGN



Linear gratings KSM/KSF

- Approx. 101 running metres linear gratings type KSM-V 3.4/70 stainless steel 1.4301, iridescent black burnished finish, in various lengths, profile width 3.4 mm, profile spacing 7 mm, partly suitable for vehicles to drive over
- Approx. 76 running metres linear gratings type KSF 25/4 made from stainless steel flat bar [1.4301], iridescent black burnished finish [1.4301] 25/4 mm, in various lengths, welded rattle-free every 270 mm to combs, profile spacing 14 mm, consistent profile spacing including towards the frame, suitable to walk over
- Custom-made for sliding shutters on the south-facing façade, with cut-outs in the grille to accommodate the downpipes





TTC Timmler Technology

Designing innovative solutions for new buildings and redevelopment together with architects and planners

Developing object specific solutions together with architects and specialist planners already during the planning phase is the strength of TTC Timmler Technology.

TTC provides smart building technology for contemporary living and working environments: LED light design, innovative air-conditioning systems, design-oriented façade elements and grating systems for interior and exterior areas.

With our extensive know-how we can balance modern design, energy efficiency, and economic efficiency. We design customized complete solutions in accordance with technical specifications, either made from standard components or made to your individual requirements.



Green and economical

People and environment are at the heart of all our endeavours. We develop natural airconditioning systems to go easy on resources and to save costs.

Multi-functionality Our know-how for your planning

Multi-functionality is a special strength of TTC building technology. Below a few examples:

- LED Light Design – TTC lighting elements can be combined with channels and gratings as well as maintenance platforms, using striking illuminations to show your architecture in the best light. TTC light design offers a variety of options: From façade illumination with SpaceLights, high brightness LEDs, LED light lines and light tiles to wall washers – with our large choice of materials and individual design we can provide a customized solution for your project.
- TTC GraviVent® can be used to provide a consistent climate within a building. Energy-efficient, making use of natural gravity.
- TTC Chilled Beams ensure comfortable, silent ventilation in a wide variety of working environments. In consultation with architects and planners they can be individually fitted into the ceiling design.
- TTC Floorunits with a variety of functions such as heating, cooling, ventilation combine design with functionality and energy efficiency without disturbing the look of, for example, room height glass façades.
- Homogeneous grating systems create seamless transitions from the interior to the exterior on glass façades. TTC Floorunits provide heating, cooling and ventilation for interior areas and complement the TTC façade draining systems for exterior areas.

TTC Timmler Technology GmbH

Christian-Schäfer-Str. 8 | D-53881 Flammersheim
Tel +49 2255 921-0 | Fax +49 2255 921-500
info@ttc-technology.eu | www.ttc-technology.eu

