

S&E GRILL ACADEMY IN DORTMUND



PROPERLY INSTALLED LVT FLOORS FOR A MODERN BBQ STORE

The new S&E (Stellfeld & Ernst) Grill Academy and BBQ centre in Dortmund invites customers to experience an unique “Way of Grilling” in its generous 900 m² space. Interesting materials, numerous details and a special interior design create an attractive environment in which ambitious grill amateurs are introduced by professionals into the secrets of grilling. Themed events with exclusive show grilling take place at this location all year round.

This modern grill store is housed in the premises of a former

trailer rental which were completely renovated by June 2017, just in time for the barbecue season. The tightly clocked time frame “heated up” the works. In as short a time as possible, a floor space of 900 m² was to be prepared for hosting an attractive design flooring. Maximum efficiency, maximum safety and the greatest possible processing comfort were required. This is the reason why two innovative Mapei solutions were used, which ensure new standards in the preparation of substrates and the installation of LVT floorings.



Since the existing ceramic old flooring had some uneven areas, these had to be repaired first. In order to improve adhesion, the substrate was primed with PRIMER SN two-component epoxy primer with fillers, and broadcast with QUARTZ 0.7-1.2 quartz sand. Uneven areas and irregularities were compensated for by PLANIPATCH fine-grained, ultra quick-drying, thixotropic cementitious smoothing compound.

HIGH-SPEED LEVELLING

First, the Stellfeld & Ernst GmbH processors, together with the Mapei sales agents and technicians on site, determined the ideal processing sequence.

The MAPEBox, a special container available on the German market, ensured large-area application of the smoothing compound: just a few handles were enough for the first of three MAPEBox containers placed in front of the building to be ready for operation. It allowed an easier, faster and more cost-efficient mixing and application of the self-levelling compound. Only three employees were required to carry out the work. Approximately 5,500 kg of ULTRAPLAN ECO PLUS self-levelling smoothing compound (manufactured and distributed in the German market by Mapei GmbH) were applied in about 3.5 hours on the 900 m² floor area.

On the following day the installation of the LVT flooring could start. In the interiors, the design floors were bonded with UL-



2



3

PHOTO 1 . The new S&E Grill Academy in Dortmund offers generous and comfortable spaces for grill amateurs and professionals.

PHOTO 2 . Before installing LVT floors, the substrates were treated with PRIMER SN+QUARTZ 0.7-1.2, PLANIPATCH and ULTRAPLAN ECO PLUS.

PHOTO 3 . LVT floor coverings were bonded with ULTRABOND ECO 4 LVT on most of the surfaces while ULTRABOND ECO MS 4 LVT was used for the areas next to the windows.





ABOVE. The new LVT floors, properly installed with Mapei products, add a touch of elegance to the shop premises.

TRABOND ECO 4 LVT fibre-reinforced adhesive, specifically developed for the installation of LVT floorings. In the areas next to the shop windows, which are particularly stressed by solar irradiation and temperature fluctuations, the floor-layers used ULTRABOND ECO MS 4 LVT one-component, polymer-silylate adhesive for LVT. The floorings under the heavy duty shelves were installed with ULTRABOND ECO V4 SP multi-purpose, high-performance adhesive in water dispersion with a long open time and very low emission level of volatile organic compounds (VOC).

The perfect substrate as well as the flawless installation result met the customer's requirements, which ensure a perfect flooring for the location of special BBQ events. The floors also enhance the shop's unique atmosphere and adds a modern, industrial touch.

**IN THE SPOTLIGHT
ULTRABOND ECO MS 4 LVT**

It is a solvent free, one-component, silylated polymer-based adhesive, specific for LVT floorings. It is also suitable for all kinds of textile and resilient floorings in interior applications, in particular all types of vinyl. ULTRABOND ECO MS 4 LVT is used on absorbent and non-absorbent substrates, as well as on underfloor heating systems. The product is very tough and highly resistant to shear loads, which makes it

particularly suitable for floors exposed to direct sunlight, intense mechanical stress or water. It can be used for the installation of flooring subjected to stresses from chair castors according to **EN 12529**. It is **EMICODE EC1 R Plus**-certified (very low VOC emission) by GEV.



TECHNICAL DATA

S&E Grill Centre/Grill Academy, Dortmund (Germany)
Client: Stellfeld & Ernst GmbH
Period of the Mapei intervention: May 2017
Intervention by Mapei: supplying products for preparing the substrates and installing LVT

floors

Flooring contractor: Stellfeld & Ernst GmbH
Mapei distributor: Prosol Farben+Lacke GmbH
Mapei coordinator: Dominic Schuch, Mapei GmbH (Germany)
Photos: S&E Grillzentrum

MAPEI PRODUCTS

Substrate preparation: Primer SN, Quartz 0.7-1.2, Ultraplan Eco Plus*, Planipatch, Eco Prim T Plus
Installation of LVT floorings: Ultrabond Eco V4 SP, Ultrabond Eco MS 4 LVT, Ultrabond Eco 4 LVT

*This product is manufactured and distributed in the German market by Mapei GmbH (Germany)

For further information on products visit www.mapei.com and www.mapei.de