



THRUDESIGN WOOD DIY WORKSHOP IN BEIJING

USING ULTRATOP TO COMPLETE A SPECTACULAR DIY WORKSHOP IN CHINA

As a worldwide famous metropolis, Beijing is the capital city of the People's Republic of China. Besides, it is a city with long development history and has always been the core cultural center in China. With such background, personalised arts business is flourishing and everywhere is full of different styles of workshops, cultural centers and recreational places. Recently, the local attention goes to DIY wood workshops. With a spectacular outlook and high-graded facilities, ThruDesign Wood DIY Workshop is nominated to be the new landmark workshop in Beijing.

THRUDESIGN WOOD DIY WORKSHOP

Founded by two Red Dot & IF Award winning industrial designers, ThruDesign's philosophy focuses on "less is more". ThruDesign has a team of experienced and dedicated designers and engineers, which are capable of providing some of the finest de-





**IN THE SPOTLIGHT
ULTRATOP**

It is a self-levelling product in powder available in light grey, white, beige, rust red, anthracite and standard, made up of special quick-drying and quick-setting binders, specially graded silica sand, synthetic resins and special admixtures.

ULTRATOP is used internally in public and industrial buildings, for levelling and smoothing new or existing concrete and ceramic substrates in thickness

from 5 to 40 mm, to make them suitable for heavy pedestrian use in shopping centres, offices, shops, showrooms and areas where rubber-wheeled vehicles are in use. It can contribute up to **3 points** to obtain the **LEED** certification.



sign and product strategy research services in China. Working closely with manufacturers and individuals to develop new and compelling products, it developed DIY workshop services to cover a wide spectrum from furniture and personal DIY courses, etc. DIY courses team is enthusiastic and dedicated, and will continue to deliver innovative and winning product solutions to help wood DIY lovers work out personalized products and obtain basic knowledge on wood DIY techniques.

MAPEI'S INTERVENTION

Because of the "Less is more" concept, the designers pre-

ferred the natural original look when choosing materials for building the workshop. Following this requirement, Mapei technicians introduced the cementitious surface effects prepared by using ULTRATOP ultra-fast setting, self-levelling, ultra-quick hardening mortar and ULTRATOP LOFT trowelable cementitious paste. Once Mapei sample board was received, the designers immediately decided to accept the Mapei solution as it perfectly matched their idea.

Other than fulfilling the special aesthetic look, the customer required a low dust and noise-reducing, environmental-friendly system that allowed continuous working during construction.



As a result, Mapei carefully proposed a feasible plan to fulfill the need.

THE STAIRS ON THE FIRST AND SECOND FLOOR

As for the stairs on the first and second floors, PRIMER SN and ULTRATOP LOFT were used on an area of 120 m² to obtain a pleasant look combined with good abrasion resistance. To deal with the disadvantage of dim lighting and inadequate spacing of the workshop, brighter light grey color was chosen to enhance the visual appeal. The effect was overwhelming, and highly appreciated by the customer.

ULTRATOP LOFT is a cementitious trowelable paste for seamless decorative coatings for floors, walls and stairs, which feature high abrasion resistance. A natural color was chosen for the stairs on the first and second floor in order to match the workshop style and to emphasize its essential, textured effect. After treating the substrates with PRIMER SN two-component epoxy primer with fillers, the first layer of ULTRATOP LOFT F coarse-textured paste was applied. The surfaces were then grinded and a second layer of ULTRATOP LOFT F was applied again. Afterwards, one coat of ULTRATOP LOFT W fine-textured paste was used as finishing coat.

THE FLOORS ON THE SECOND FLOOR

In the DIY classroom and DIY aisle on the second floor, polished-effect, quick drying and abrasion-resistant floors were completed using MAPEFLOOR I 900 two-component epoxy binder and ULTRATOP cementitious self-levelling, ultra-quick

hardening mortar on over 300 m².

The substrates were grinded before applying MAPEFLOOR I 900 and broadcasting the surface with quartz sand.

ULTRATOP was applied thereupon. For the fulfillment of the tight application schedule, quick drying and setting ULTRATOP was the perfect choice for this kind of application. Besides, its high abrasion resistance helped to minimize the impact from scratching by tools and wooden materials. Most importantly, floors treated with ULTRATOP, in its polished effect, are very easy to clean and maintain.

TECHNICAL DATA

Thrudesign Wood DIY

Workshop, Beijing (People's Republic of China)

Design: Duoxiang Studio

Period of Construction:

January – July 2016

Period of the Mapei

Intervention: March-June 2016

Client: Thrudesign Wood DIY Workshop

Floor Installation

Contractor: Beijing Nuo La Ano Trading Co.,Ltd

Mapei Distributor: Beijing

Nuo La Ano Trading Co.,Ltd

Mapei Co-ordinator: Ming Guo, Mapei Construction Materials (Guangzhou) Co. Ltd

MAPEI PRODUCTS

Treating the substrates:

Primer SN

Building cementitious and resin floors and stairs: Mapefloor I 900, Ultratop, Ultratop Loft F, Ultratop Loft F

For further information see

www.mapei.com and

www.mapei.com.cn