

TECU® Patina



Pre-patinated copper
for Roofing and
Façade Cladding



KME Germany AG & Co. KG
TECU® Patina
[GB]



Member of the
KME Group

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Green copper for immediate creative application - all natural, no limits.



Often the shortest path takes you directly to your goal. When the design demands the power and expressiveness of the patina green typical for copper, then it should be implemented just as required - without waiting for the gradual changes caused by natural weathering. The solution is TECU® Patina - patinated copper for immediate use to satisfy the highest aesthetic demands in building design.

Using a specially developed industrial process, TECU® copper sheets are patinated green on one side. This process causes an oxidised layer to form on the surface of the copper - a process similar to the natural patination that occurs over a long period of time when copper is exposed to atmospheric conditions. TECU® Patina is always extremely varied, just as you would expect from a natural surface. The many different colour tones and shades eventually blend together, but only gradually. The unique developments occurring in TECU® Patina are exciting - just as modern architecture should be.





TECU® Patina sheets are manufactured in state-of-the-art production facilities according to DIN EN 1172 and KME's own strict guidelines. They are made of Cu-DHP – oxygen-free, phosphorus-deoxidised copper with limited residual phosphorus. Cu-DHP is well suited for welding and soldering; its degree of purity is at least 99.9%, in accordance with DIN 1787 "Copper, Wrought Products". Cu-DHP is outstandingly malleable, regardless of temperature and the direction of rolling.

TECU® Patina surpasses the requirements of DIN EN 1172 with regard to tolerances and the most important technological values. This gives the processed surfaces their excellent visual appearance.

New: TECU® Patina now with TSP surface protection

The temporary yet robust transparent layer ensures long-lasting protection. Processing is virtually dust-free. Traces of processing remain practically invisible on the material surface, and even after folding and bending, the patina layer remains in good condition. After installation, the surface develops in the completely natural manner characteristic of copper.

*“Beautiful? Absolutely stunning!
For how long? Forever!”*





“The most massive structure comes across as virtually weightless.”

TECU® Patina has similar properties to those of natural patina right from the start. Its colouring continually changes on exposure to the elements. The lively colour spectrum so typical of copper develops over time. As a result of the manufacturing technology used, individual sheets can vary in colour from yellow green to blue green. Although these differences can be seen right after installation, they soon become less noticeable on exposure to the elements. Differences in the colour of natural surfaces like TECU® Patina are not a shortcoming, but rather a sign of quality. If TECU® Patina sheets are installed in interior areas, the colour assimilation requires a longer period, as the development of the patina is mainly influenced by humidity in the air. When installed in public buildings, TECU® Patina surfaces are better placed out of reach, or in constructional areas that are screened off from touch.*

* TECU® Project Consulting stands by ready to help.





TECU® Patina

Processing and Installation



The physical appearance of TECU® Patina is influenced by the installation and the system applied. A combination of copper's typical properties, such as malleability, high ultimate elongation, high melting point etc. lend TECU® Patina its special suitability for all metal-specific processing techniques from traditional seaming to modern cladding. TECU® Patina can be processed like bright rolled copper using standard techniques and machines. However, due to the special features of the Patina surface, a few important guidelines as to processing, material properties, transportation and storage should be kept in mind.

“Wind and weather create their own kind of beauty.”

Copper and sustainability

Copper is the building material for aesthetic, ambitious and long-term cost-effective building solutions. The advantages of copper in the installation process and the fact that it can be completely recycled make it an outstanding choice of material for roofing and façade cladding.

Recycling comprises the entire process of preparing old material and scraps for reuse in subsequent production processes. The recycling of copper is as old as the use of copper itself. Copper is primarily used for projects requiring a long lifespan. Taking average use and return times, copper achieves a recycling rate of around 80% over all of its various areas of application. Energy savings gained from the use of recycled copper material – sometimes known as secondary metal production – amount to as much as 92% (depending on the type of scrap being processed) of the energy input required for the ore extraction and subsequent production processes.

Today, ecological considerations in relation to the choice of construction materials have joined aesthetic and economic aspects, and are the subject of intense public interest. Recycling copper helps the environment both directly and indirectly. Use of reused materials prevents waste and protects natural resources.

Sustainable construction is aimed at minimising the consumption of energy and resources and contaminating the economy of nature as little as possible in every phase of a building's lifecycle. The model of sustainable development aims at linking ecological, economic and social goals with one another.

Taking copper as an example

Ecological means handling energy and resources sparingly and affecting the eco system as little as possible.

Economic means that it provides cost-effective solutions. In view of its exceptional durability and the fact that it is virtually maintenance free, copper is the right choice for the entire lifecycle of the product.

Social means that the copper industry is a key economic industry that works together with other industries to lay the foundation for technological progress and contribute towards improving our standard of living.



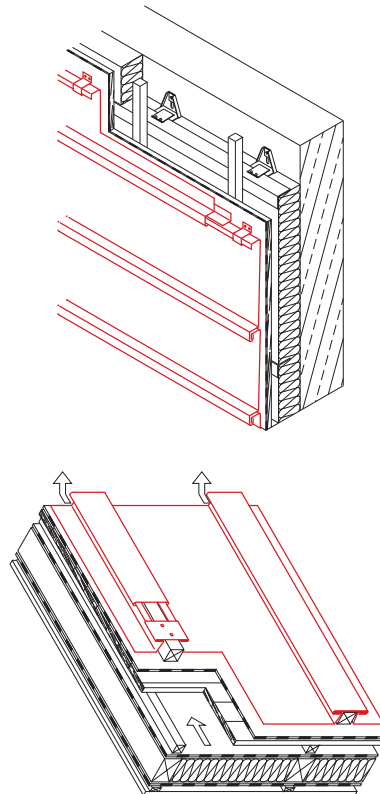


TECU® System Products

TECU® for Seamed and Batten Cap Cladding

Ideal for custom designed free forms as well as the traditional roof and façade construction design: using angle standing seams and batten cap cladding. TECU® Patina for these types of cladding is available in sheets.

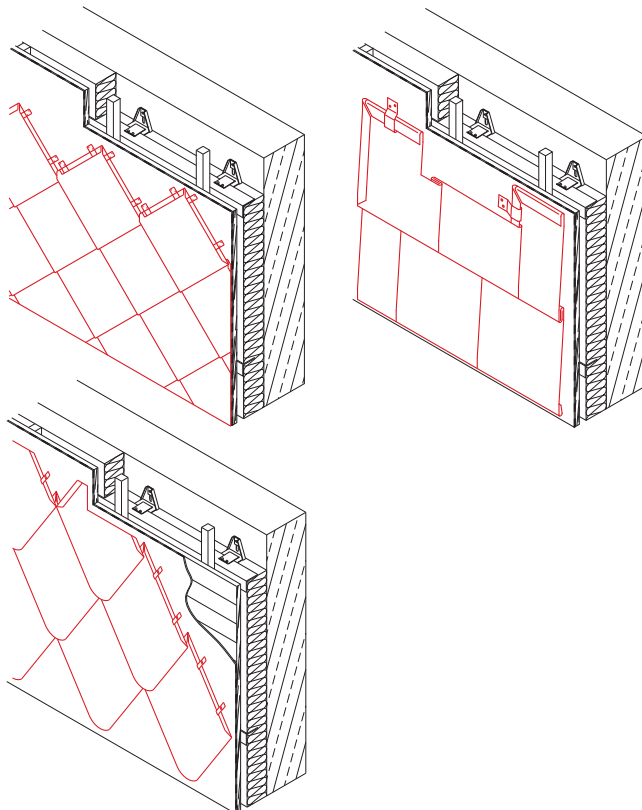
The modern use of rolled copper in plumbing and roofing, the higher product quality requirements and the development of new, more demanding techniques for metalworking mean that copper has to meet much higher expectations today than ever before. TECU® sheets and strips for plumbing and roofing are manufactured in accordance with EN 1172 and KME's own strict quality control guidelines. Material tolerances for dimensions and properties are well within or even tighter than standard limits, and further processing by machine or hand is considerably easier.



TECU® System Shingles
TECU® System Rhomboids

Besides their special aesthetic qualities, TECU® System Shingles and TECU® System Rhomboids offer decisive economic advantages in façade design: cladding elements are laid simply by hanging them and interlocking them with each other.

The shingles and diamond system shingles have a 180° border on all sides. Two sides are provided with a fold coming forward or with a downstand. The individual elements are available as left or right tiling. All folds and notches are automatically pre-processed in the factory. At the edges, all the usual processing techniques such as bevelling, folding and bending can be used. This ensures that the corners of buildings and connections to other constructional elements such as windows and doors are completely weatherproof.



TECU® Panels

TECU® Panels are two-sided cladding elements, with or without an end base, depending on the construction. Individual lengths are as long as 4,000 mm with a standard width of up to approx. 500 mm. Assembly at the building site is performed according to the tongue and groove principle or by overlapping.

The panels can be assembled in various directions – vertically, horizontally or diagonally. There are three basic forms, depending on the design:

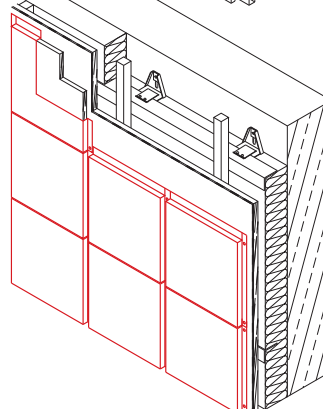
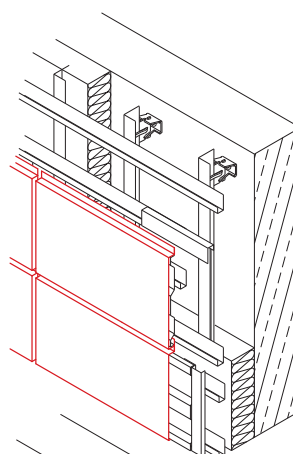
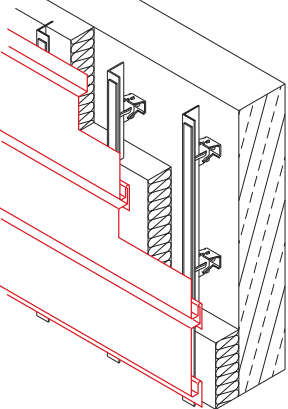
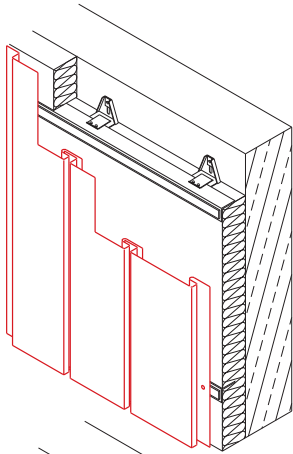
- Slot-in panels laid vertically as a level surface facade cladding
- Slot-in panels laid horizontally as a level surface facade cladding
- Special panels with visible or concealed fixings, laid in various ways, with a level surface or overlapped

TECU® Cassettes

TECU® Cassettes are cladding elements with folded edges on all sides available in a range of geometrical proportions from 1:1 to 1:4. They are exclusively pre-profiled to the customer's specifications and/or according to suggestions made by the architect.

Cassette cladding allows a great deal of flexibility concerning formats, the layout of joints and fixing principles. Folded edges on every side allow even larger sheet metal parts to lie even with the cladding surface.

Fixing is usually achieved by riveting, screwing, hidden/subsurface fittings or by means of bolt hooks to fix the cassettes directly to the substrate.



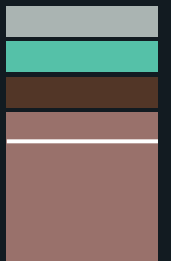
TECU® Rainwater Systems

TECU® roofing and cladding systems can be supplemented by rainwater system components from Fricke GmbH & Co. of Greven, Germany.



Their product range includes

- eaves gutters, half-round (lengths of 3 – 6 m) or
- eaves gutters, box section (lengths of 2 or 3 m)
- gutter brackets
- downpipes
- rainwater pipe brackets
- standpipe
- accessories



TECU® Sizes and Availability

TECU® Sheets

TECU® Classic

Format/Thickness	0.5	0.6	0.7	1.0	1.2	1.5	2.0
1000 x 2000		•	•	•		•	•
1000 x 3000		•	•	•		•	•
1250 x 2500		•	•	•		•	•

TECU® Oxid

Format/Thickness	0.5	0.6	0.7	1.0	1.2	1.5	2.0
1000 x 2000			+	+	+		
1000 x 3000			+	+	+		

TECU® Patina

Format/Thickness	0.5	0.6	0.7	1.0	1.2	1.5	2.0
600 x 2000			•				
600 x 3000			•				
670 x 2000		•	•				
670 x 3000		•	•				
800 x 3000			+				
1000 x 2000		•	•	+	+	+	
1000 x 3000		•	•	•	+	+	

Manually patinated longer sheets available on request

TECU® Brass

Format/Thickness	0.5	0.6	0.7	1.0	1.2	1.5	2.0
670 x 2000			+	+			
670 x 3000			+	+			
1000 x 2000			+	+			
1000 x 3000			+	+			+

TECU® Bronze

Format/Thickness	0.5	0.6	0.7	1.0	1.2	1.5	2.0
670 x 2000			•	•		+	
670 x 3000			•	•		+	

TECU® Gold

Format/Thickness	0.5	0.6	0.7	1.0	1.2	1.5	2.0
670 x 2000	+		+	+			
670 x 3000	+		+	+			
1000 x 2000			+	+			
1000 x 3000			+	+			

- available
- + on request

Other dimensions and availability available on request.
Further information: Project Consulting, Tel. +49 541 321-2000
All measurements in mm.

TECU® Strips

TECU® Classic

Width/Thickness	0.5	0.6	0.7	1.0	1.5
200		•	•		
250		•	•		
333		•	•		
400		•	•		
500		•	•		
600		•	•		
670		•	•		
800		•	•		
1000		•	•		
1220		•	•		
1250		•	•		

TECU® Classic_coated

Width/Thickness	0.5	0.6	0.7	1.0	1.5
670			+		
1000			+		

TECU® Oxid

Width/Thickness	0.5	0.6	0.7	1.0	1.2
500		+	+	+	
600		•	•	+	
670		•	•	+	+
1000		•	•	+	+
1250		+	+	+	+

TECU® Zinn

Width/Thickness	0.5	0.6	0.7	1.0	1.5
500		+	+		
600		+	+		
670		•	•		

TECU® Brass

Width/Thickness	0.5	0.6	0.7	1.0	1.5
670			+	+	
1000			+	+	

TECU® Bronze

Width/Thickness	0.5	0.6	0.7	1.0	1.5
670			+	+	+

TECU® Gold

Width/Thickness	0.5	0.6	0.7	1.0	1.5
600	+		+	+	
670	+		+	+	
1000			+	+	

VISION TECU®

TECU® System
TECU®_bond

_punch (all perforation types)

Formats*	670 x 2000	1000 x 2000
Thickness	1.0/1.2/1.5/2.0	1.0/1.2/1.5/2.0
TECU® Classic	+	+
TECU® Oxid**	+	+
TECU® Patina	+	+
TECU® Zinn***	+	+
TECU® Brass	+	+
TECU® Bronze	+	+
TECU® Gold	+	+

* Other formats available on request
 ** max. Thickness 1.2
 *** max. Thickness 0.7

_mesh (rib mesh)

Formats	on request	on request
Thickness	1.0	1.2
TECU® Classic	+	+
TECU® Oxid	+	+
TECU® Patina	+	+
TECU® Brass	+	+
TECU® Bronze	+	+
TECU® Gold	+	+

_flatmesh (expanded metal)

Formats	1000 x 2000	1000 x 3000
Thickness	0.7/1.0	0.7/1.0
TECU® Classic	+	+
TECU® Patina	+	+

_weave (all strip sizes)

Thickness	1.0
TECU® Classic	+
TECU® Oxid	+
TECU® Patina	+
TECU® Brass	+
TECU® Bronze	+
TECU® Gold	+

_shape (all types)

Formats	670 x 2000/3000	1000 x 2000/3000	1250 x 2000/3000
Thickness	0.7-1.5	0.7-1.5	0.7-1.5
TECU® Classic	+	+	+
TECU® Oxid	+	+	+
TECU® Patina	+	+	+
TECU® Brass	+	+	
TECU® Gold	+	+	

TECU® System Shingles

Formats	600 x 430	430 x 430	600 x 600
	Rectangular	Square	Square
TECU® Classic	•	•	•
TECU® Oxid	•	•	•
TECU® Patina	•	•	•
TECU® Zinn	•	•	•
TECU® Brass	+	+	+
TECU® Bronze	+	+	+
TECU® Gold	+	+	+
ZinKMEtal	+	+	+

TECU® System Rhomboids

Formats	518 x 830	518 x 758
	Sharp	Round
TECU® Classic	•	•
TECU® Oxid	•	•
TECU® Patina	•	•
TECU® Zinn	•	•
TECU® Brass	+	
TECU® Bronze	+	+
TECU® Gold	+	+
ZinKMEtal	+	+

TECU® Façade Tiles

Format	200 x 200
TECU® Classic	•
TECU® Gold	+

TECU®_bond

Nominal thickness	4.0
Thickness of copper	0.3 on both surfaces (alternatively 0.5)
Format	1000 x 3000
TECU® Classic_bond	•
TECU® Patina_bond	+
TECU® Brass_bond	+
TECU® Oxid_bond	+

TECU® Panels

Lengths up to 4000 Widths up to 400	
TECU® Classic	•
TECU® Oxid	•
TECU® Patina ¹	•
TECU® Zinn	•
TECU® Brass	•
TECU® Bronze	•
TECU® Gold	•

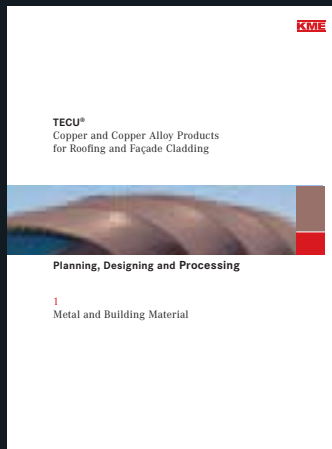
¹ Lengths up to 3000

TECU® Cassettes

Custom manufacturing	
TECU® Classic	•
TECU® Oxid	•
TECU® Patina	•
TECU® Zinn	•
TECU® Brass	•
TECU® Bronze	•
TECU® Gold	•

TECU® Profiled sheets

Corrugated and trapezoidal profiles Formats available on request	
TECU® Classic	+
TECU® Oxid	+
TECU® Patina	+
TECU® Zinn	+
TECU® Brass	+
TECU® Bronze	+
TECU® Gold	+



Service

TECU® products from KME are made to meet the demands placed on them by all kinds of different constructions. Many of their recognized, quality features are a result of close communication with expert customers in the building industry.

TECU® stands for a combination of high quality and complete service. As the world's leading processor and refiner of copper and copper alloy products, KME provides its technical advisory service to developers, architects, clients and roofers throughout Europe and beyond.



Information and consultation provided by TECU® Project Consulting ensure skilful use of materials, and make possible the realisation of perfect and aesthetically demanding solutions with TECU® products. The reference publication *TECU® – Planning, Designing and Processing*, is a rich source of detailed information – now available in five languages.



Seminars and training courses

For everyday work in an architect's office, practical knowledge about the professional use of high-quality TECU® products is just as valuable as having reliable information about legal and organisational issues or new technologies. KME invites anyone with an interest in these issues to take part in special seminars for architects, which are held regularly in the KME ACADEMY in Osnabrück.

The aesthetic and economic superiority of TECU® products is fully exploited when the material is used in a qualified manner in accordance with technical requirements. KME's TECU® Training Centre in Osnabrück offers multi-level professional seminars in which theoretical and practical processing techniques are taught at various levels of difficulty. Students apply their skills in practical work on models. The training events take place in the new KME ACADEMY in Osnabrück, which is fully equipped with all modern training facilities, and offers a practice-oriented setting.

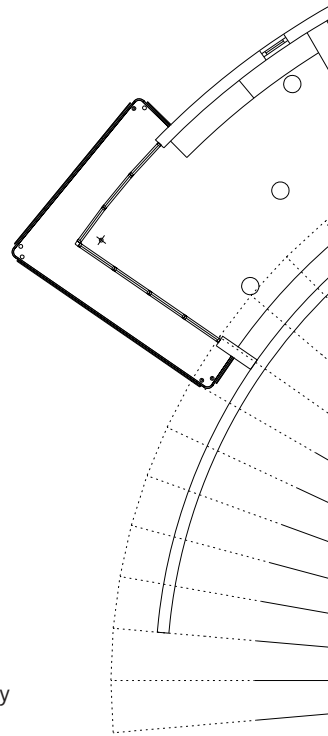
Courses are offered throughout Europe in collaboration with trade organisations and associations. This service is part of TECU® quality offered by KME.



TECU®

Copper designs.

Reference



“Thunderbird” House, Poole, GB

Architects: Seven Developments Ltd., Poole

Copper Contractor: Pace Roofing Ltd., Romsey

Cladding: TECU® Patina

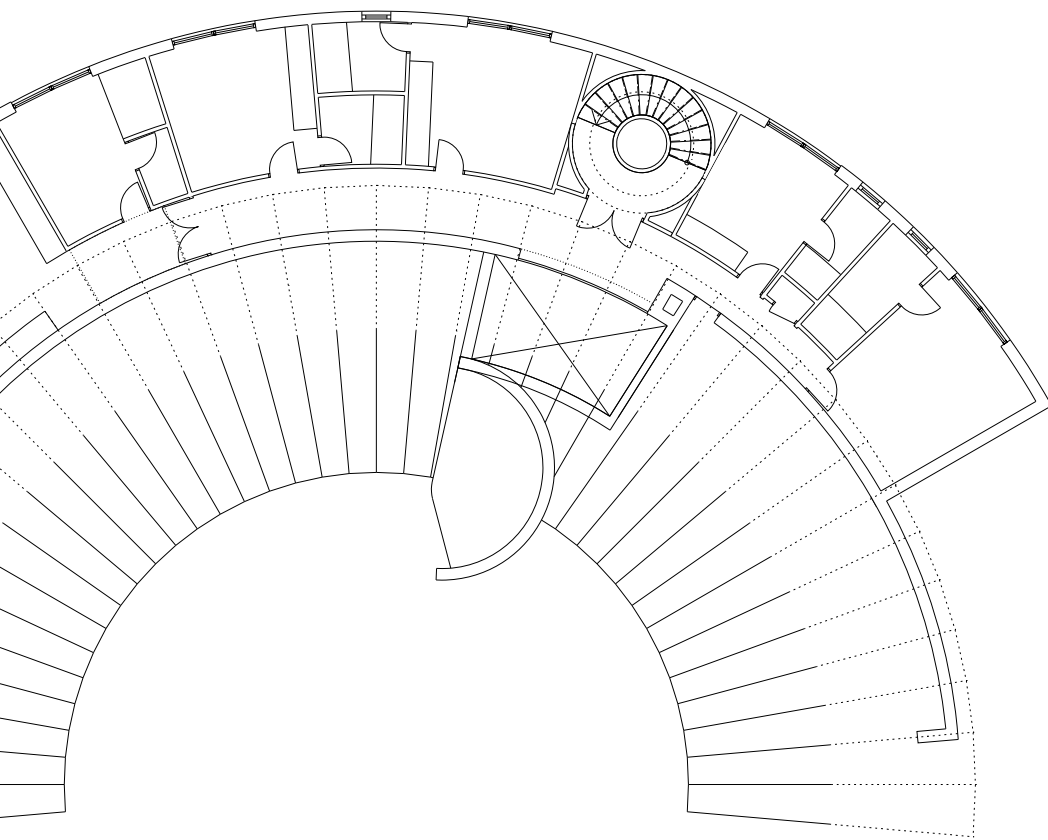
In an attractive residential area with the most expensive real estate in Europe, a project was completed that more than lives up to its reputation in terms of its structural aesthetics and use of materials. The characteristic “wings” of the Thunderbird house in Poole, England were achieved by virtue of a stunning roof design using TECU® Patina panels.

Eddie Mitchell, Managing Director of Seven Developments, is credited with wanting to turn sleepy Poole into Britain’s version of St. Tropez with his outrageous and unique homes. The key architectural features employed are white walls and facades, sinuous vertical surfaces, floor-to-ceiling coloured glass panels and highly sloping and curved roofs – made of copper, because there is scarcely any other material that allows so much creative scope and meets such exacting quality requirements. Many of the company’s properties have already won prestigious awards and prizes; including first prize for best private home for Thunderbird in the 2006 National Home Builder Design Award.

On the Sandbanks of Poole, a small spit of land opposite the harbour entrance and adjacent to Branksome Park on the east side, land prices are among the most expensive in the world. These high prices can be explained by the uninterrupted, breathtaking vistas over the largest natural harbour in the world and the great appeal of the coastline around Poole, including the Jurassic Coast World Heritage Site. Wealthy buyers pay top prices to move into Seven Developments’ fully fitted and furnished properties, which feature excellent quality materials and exquisite finishes.

The stunning, luminous green copper roof of the Thunderbird and the choice of TECU® Patina are, so to speak, representative of the high quality standard of the house. Aesthetic appeal, natural qualities and high efficiency due to the excellent protection from the elements and long-lasting roof cladding are perfectly complemented by other environmentally sound “green” components such as thermal glazing, energy-saving lighting and Thermolite interior walls. The quality materials used are also in tune with the uncompromising high-tech gadgetry of the building, including the latest in entertainment systems, complete furnishings and fitted kitchen.

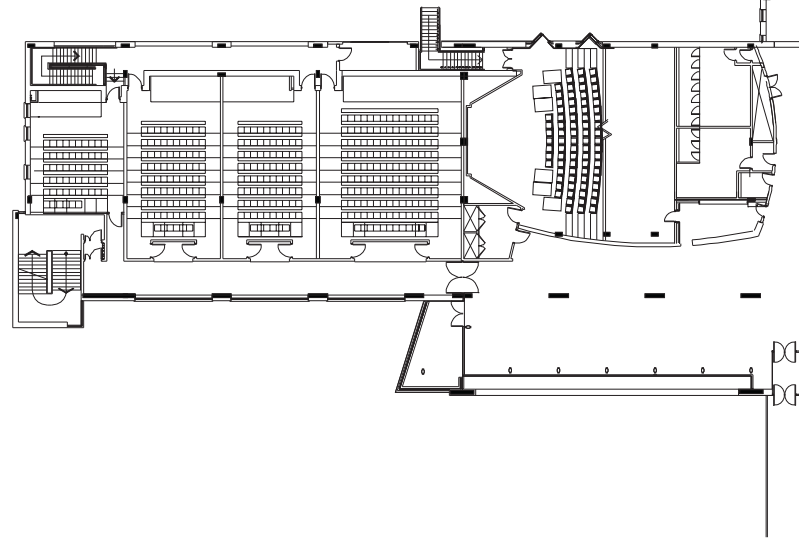




TECU®

Copper designs.

Reference



Galway-Mayo Institute of Technology, Galway, IRL

Architects: Murray O’Laoire Architects, Cork

Copper Contractor: Let it Rain Roofing Ltd., Galway

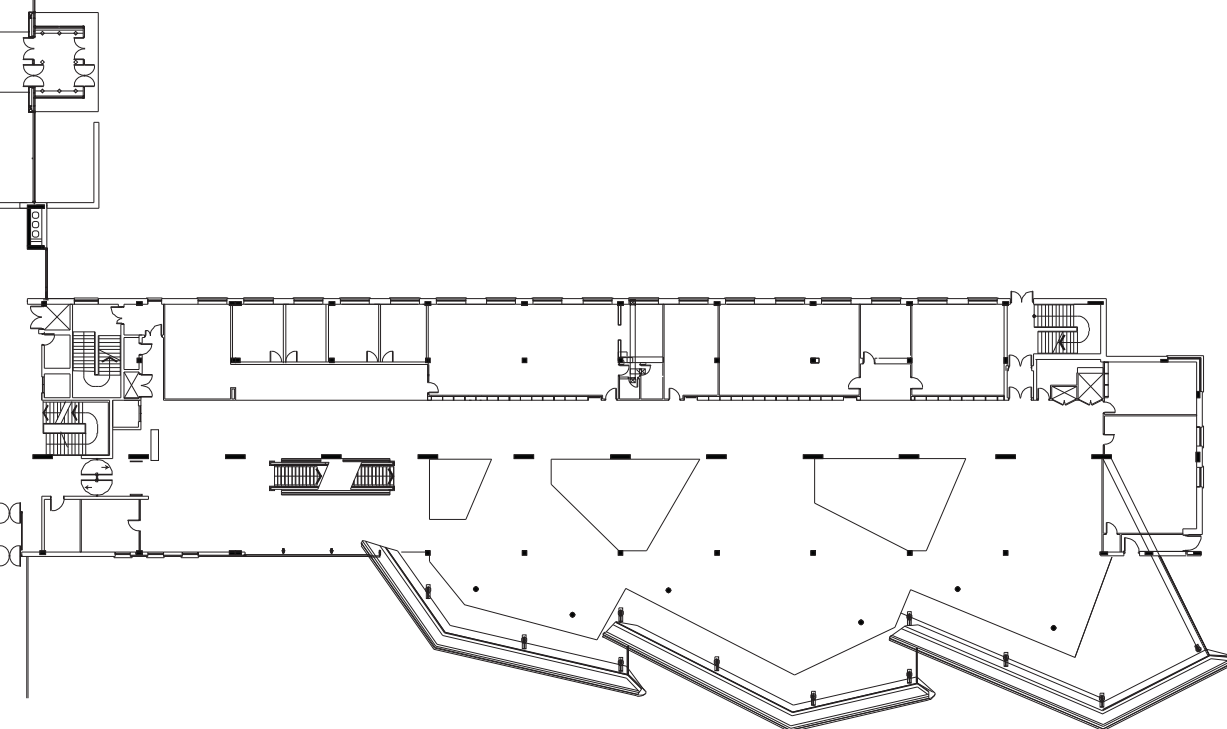
Cladding: TECU® Patina

An extension to a technology institute in the county of Galway in Ireland has created a very spectacular landmark. Sail-like façade elements constructed from green pre-patinated copper symbolically point towards the ocean.

The building complex of the Galway/Mayo Institute of Technology was extended by a modern Learning Resource Centre which includes a library and IT media section. Taking full account of local conditions and utilising mainly local building materials, the new building now essentially presents itself in native limestone and patinated copper. The architects decided to use TECU® Patina – on the one hand, because of its powerful, vibrant patina green colour and on the other, because of its malleable qualities which were ideally suited to the planned organic shapes of the building’s design features.

The new building was structured in two cuboid units, one of which is home to the lecture block, while the other contains the library and IT media centre. The main entrance is located at the interface between the two building units, demarcating the new axial route through the existing college complex. To balance out the different land levels between the old and new buildings, a cantilever bridge joins the entrance with a triangular wedge of land which rises towards the Learning Resource Centre. A free-form fabric canopy projecting from the façade and covering the entire bridge offers pedestrians protection from the elements. The organic form language sets a counterpoint to the otherwise straight lines of the façade. This is very impressively continued on the façade of the library, where three copper-clad segments reach out to the landscape with the help of a steel-framed construction. The free form compositions reflect the shape of trapezoidal sails and take cognisance of Galway’s location on the Atlantic coast and the city’s maritime history. But besides their design aspect, the three copper sails also have another dimension. They protect against the sun as well as acting as acoustic baffles and light reflectors. They also function as large air dispensers, and form part of the library’s natural ventilation strategy.





TECU® References

TECU® Classic

TECU® Classic



De Young Memorial Museum, San Francisco, USA
Herzog & de Meuron Architekten, Basel, CH
A. Zahner Co. Architectural Metals, Kansas City
TECU® Classic



Harbour Control Tower, Lisbon, P
Gonçalo Byrne, G.B. Arquitectos, Lisbon
Zn-Revestimentos de Zinco Lda., Maia
TECU® Classic



Service Centre Theresienwiese, Munich, D
Volker Staab Architekten, Berlin
Regensburger Metallbau, Regensburg
TECU® Classic



THE CORE, Information Centre for the Eden Project, Cornwall, GB
Nicholas Grimshaw & Partners, London
Richardson Roofing Co. Ltd., Staines
TECU® Classic



Poppodium Mezz, Breda, NL
(EEA) Erick van Egeraat associated architects, Rotterdam
SV Metaaldak Specialist BV, Beek en Donk / Brouwers Zink BV, Maasmechelen
TECU® Classic



ESA - École Supérieure d'Art, Clermont-Ferrand, F
Architecture Studio, Paris
Raimond SA, Saint-Julien de Condelles
TECU® Classic



Offices and industrial building, Koblach, A
AIX Architects, Feldkirch
Peter GesMBH + CoKG, Koblach
TECU® Classic



Private Residence, Madrid, E
Bernalte y León Asociados, Ciudad Real
METAZINCO®, Madrid/Olloniego (Asturias)
TECU® Classic



Officer's quarters of the Royal Marines of the Netherlands, Den Helder, NL
Van Herk & de Kleijn Architecten BV, Amsterdam
Ridder BV, Hoorn
TECU® Classic



Kulturhus De Bijenkorf, Borne, NL
MAS architectuur BV, Hengelo
Dakcentrum+, Beilen
TECU® Classic



Casa Travella, Castel San Pietro, CH
Aldo Celoria, Balerna
Antonio Corti SA, Caslano
TECU® Classic



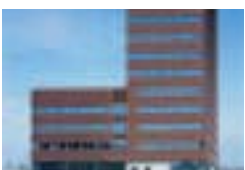
Cultural Center, Chateau-Rouge, Annemasse, F
Cabinet R. Plottier, Lyon
Ets. Fourquet, Perouges
TECU® Classic



Fitness Center, Sesto Fiorentino, I
Studio architetto Fabio Capanni, Florence
Idroflorence S.r.l., Badia a Settimo Scandicci (FL)
TECU® Classic



Harbour Terminal, Barcelona, E
Grupo JG, Barcelona / BEA International, Miami (Florida), USA
METAZINCO®, Madrid/Olloniego (Asturias)
TECU® Classic



PSG Copper Tower Nordre, Copenhagen, DK
Arkitema K/S, Copenhagen
NCC Construction A/S, Hellerup
TECU® Classic

Object
Architects
Copper Contractor
Cladding

TECU® Patina

TECU® Patina



Galway-Mayo Institute of Technology, Galway, IRL
Murray O'Laoire Architects, Cork
Let it Rain Roofing Ltd., Galway
TECU® Patina



Villa ArenA (Restaurant), Amsterdam, NL
Virgile & Stone Associates Ltd., London
in cooperation with Benthem Crouwel Architecten
Leebo bouwsystemen BV, Drunen
TECU® Patina



Maggie's Highlands Cancer Caring Centre at Raigmore Hospital, Inverness, GB
Page & Park Architects, Glasgow
W B Watson Ltd., Stewarton
TECU® Patina, TECU® Oxid



Peckham Library, London, GB
Alsop & Störmer, London
Cleveco, Enfield
TECU® Patina



Pilgrimage Church Padre Pio, San Giovanni Rotondo, I
Renzo Piano Building Workshop, Genoa
WAL S.r.l., Bregnano (CO)
TECU® Patina



Centro Stampa Quotidiani, Brescia, I
TECNE S.r.l., Brescia
Santinato, Castiglione delle Stiviere (MN)
TECU® Patina



Entrance to University Library, Debrecen, H
János Golda, János Megyik, Gábor Szenderffy, Budapest
Szolnok KAS Kft, Szolnok
TECU® Patina



"Boscotondo", Helmond, NL
Adolfo Natalini Architetti, Florence
Architectenburo C. Schrauwen, Amsterdam
Crombach Dakafwerking BV, Wittem
TECU® Patina



Office and shop building "KAI 13", Düsseldorf, D
Döring Dahmen Joeressen Architekten, Düsseldorf
Zitzen GmbH, Mönchengladbach
TECU® Patina



"Thunderbird" House, Poole, GB
Seven Developments Ltd., Poole
Pace Roofing Ltd., Romsey
TECU® Patina



Bank of Friesland, Leeuwarden, NL
Van Tilburg Ibelings von Behr architecten, Capelle a/d IJssel
Hankel's Wommels in cooperation with C.J. Ockeloen VOF, Amsterdam
TECU® Patina



Underground station Hounslow West, London, GB
Michael Watkins (Partner), London, (Acanthus, Lawrence and Wrightson Architects)
Broderick Structures Ltd., Woking
TECU® Patina



Residential building, Purmerend, NL
Roy Gelders Architecten, Amsterdam
Ridder Dak-en Wandsystemen BV, Hoorn
TECU® Patina



Private Residence, NL
Charles Slot Bureau Ruimtelijke Vormgeving, Bergen
PBK Technische Installaties BV, Alkmaar
TECU® Patina



Yefei's Creative Street, Shanghai
Will Alsop Architects, London, GB;
U/Jiang Architects & Engineers, Shanghai
Hanchang Industrial Development Co., Shanghai
TECU® Patina, TECU® Oxid, TECU® Bronze



Orto Botanico, Lago Cavazzo, Interneppo (UD), I
Alberto Antonelli, Gemona del Friuli (UD)
Alberto de Cecco, Osoppo, (UD)
TECU® Patina

TECU® Oxid



Production and office building, Baar, CH
Burkart, City of Baar Building Department Baar;
Barkow Leibinger Architekten, Berlin
Gebr. Baur AG, Baar
TECU® Oxid



Forum, Amsterdam, NL
Atelier PRO, The Hague
C.J. Ockeloen VOF, Amsterdam
TECU® Oxid



Ferryman's House, Fænø Gods, Middelfart, DK
Schmidt, Hammer & Lassen A/S, Aarhus
Eddie Clement A/S, Ejby
TECU® Oxid



Roche Forum, Buonas, CH
Scheitlin + Syfrig, Luzern
Gebr. Baur AG, Baar
TECU® Oxid



University Stuttgart, Stuttgart, D
Rolf Loew, Stuttgart
Dangel GmbH, Lenningen
TECU® Oxid



Motorway Toll Collection Area, Lucca, I
Ettore Piras Architetto, Genova
Trenkwalder S.r.l., Ovada (AL)
TECU® Oxid



Production and office building of Elektro Graf, Dornbirn, A
Baumschlager & Eberle, Lochau
Güther GmbH, Feuchtwangen, D
TECU® Oxid

TECU® Zinn



VCNON Traffic control centre, Wolfheze, NL
De Architecten Cie, Amsterdam
Verkoelen Dakbedekkingen BV, Beegden
TECU® Zinn



Private Residence, Herrliberg, CH
R. Baenziger, Zurich
Hersperger, Meilen (Façades);
Studer AG, Volketswil (Plumbing)
TECU® Zinn



St. Mary of the Angels, Rotterdam, NL
Mecanoo architecten, Delft
Leidekkersbedrijf Jobse BV, Middelburg
TECU® Zinn



Administrative building of WeberHaus, Rheinau/Linx, D
Dipl.-Ing. Günter Hermann, Stuttgart
Wittenauer GmbH, Sasbach
TECU® Zinn



Haus am Fluss (House by the river), DGF Stoess AG, Eberbach/Neckar, D
Dipl.-Ing. Günter Hermann, Stuttgart
Güther GmbH, Feuchtwangen
TECU® Zinn



Japan Restaurant "My Sushi", Milano, I
Studio di Architettura Clerici, Gallizia Tutucci, Milano
Copermont S.r.l., Clusone (BG)
TECU® Zinn

TECU® Brass
TECU® Bronze
TECU® Gold

VISION TECU®
TECU® Bond



Chelsea FC Academy, Cobham, GB
AFL Architects, Manchester
Richardson Roofing Co. Ltd., Staines
TECU® Brass



Chiesa di San Giacomo, Laives (BZ), I
Höller & Klotzner Architetti, Merano (BZ)
MetallRitten S.r.l., Collalbo (BZ)
TECU® Brass



UEC – Urban Entertainment Centre, Almere, NL
Will Alsop Architects, London
Ridder Dak- en Wandsystemen BV, Hoorn
TECU® Brass



Cimitero Trescore, I
Ing. Augusto Zambelli, Trescore Balneario (BG);
Arch. Basilia Barcella, Bergamo
EFPEGI Costruzioni S.r.l., Castelli Calepio (BG)
TECU® Bronze



Le Safran festival hall, Brie Comte Robert, F
S.C.P.A. Sémon-Rapaport Mandataire de L'Equipe,
Brie Comte Robert
DUPRE, Saintes
TECU® Gold



Koningshof, Maassluis, NL
Hans Goverde, Kraaijvanger Urbis, Rotterdam
MSH Installatie- en Dakdekkersbedrijf BV, Schiedam
TECU® Gold



Haus Metzner, Residential and Care Centre for the Aged, Cremlingen-Gardessen, D
Jörg Baumeister, m3xh, Braunschweig
Musche GmbH, Magdeburg
TECU® Gold



Residential Building Grazbachgasse, Graz, A
INNOCAD Planung und Projektmanagement
GmbH, Graz
Steinbauer, Judenburg
TECU® Gold



Office building of the International Ice Hockey Federation, Zurich, CH
Tilla Theus und Partner AG, Zurich
Scherrer Söhne AG, Zurich
TECU® Classic_flatmesh



InnovationsCampus, Wolfsburg AG, Wolfsburg, D
O.M. Architekten BDA, Braunschweig
Bisping GmbH & Co., Münster
TECU® Patina_mesh



BTV Bank, Innsbruck, A
Hanno Vogl-Fernheim, Innsbruck
Spenglerei & Glaserei Anker, Hall
TECU® Bronze_mesh



Private Residence, Affoltern am Albis, CH
Deon AG, Luzern
W.O.B. GmbH, Wolfenschiessen
TECU® Classic_mesh



Residential Building "Le Galilée", Rennes, F
Chouzenoux et Associés, Rennes
SABM, Guichen
TECU® Classic_mesh



switch+, Münster, D (2007)
modulorbeat, Münster
BSW Anlagenbau, Everswinkel, D
rückwerk, Münster
TECU® Gold_punch



Hotel Spa Castillo de Gorraiz, Gorraiz, E
Arquitectos Asociados, Navarra, E
TECU® Gold/Stainless_weave



Private Residence, Nuremberg, D
Haid+Partner Architekten+Ingenieure, Nuremberg
Schlosserei Spenglerei StraBl, Arnstorf
TECU® Bond

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