



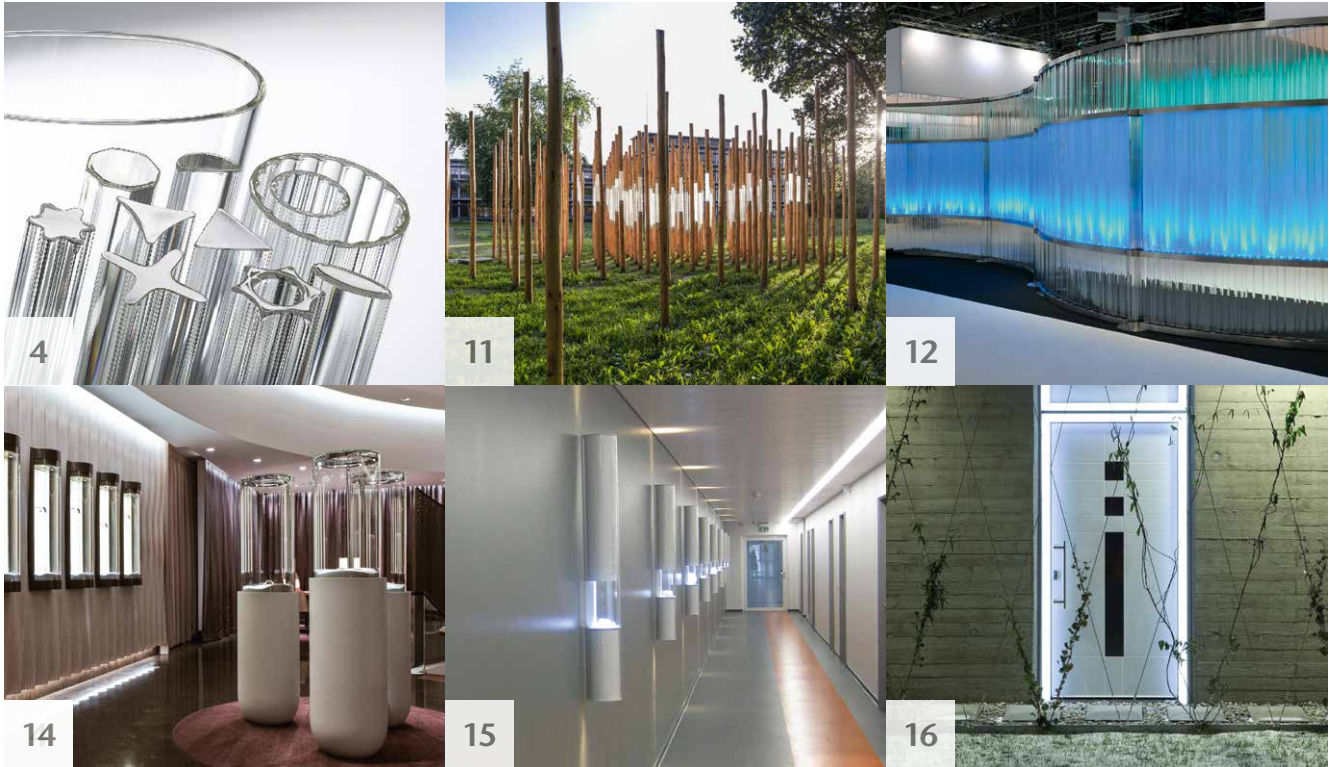
SCHOTT
glass made of ideas

Glass tubing and
rods for architecture,
art and design

SCHOTT is a leading international technology group in the areas of specialty glass and glass-ceramics. With more than 130 years of outstanding development, materials and technology expertise we offer a broad portfolio of high-quality products and intelligent solutions that contribute to our customers' success.

With a production capacity of more than 140,000 tons and production sites in Europe, South America and Asia, SCHOTT's business segment Tubing is one of the world's leading manufacturers of glass tubes, rods and profiles. Approximately 60 glass types are produced in large external diameters and a variety of lengths based on site overlapping strategies in development, production and quality assurance.

SCHOTT Tubing provides customised products and services for international growth markets such as pharmaceuticals and electronics as well as industrial and environmental engineering.



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Our Products

A wide range of tailor made products

Glass tubing and rods for architecture, art and design

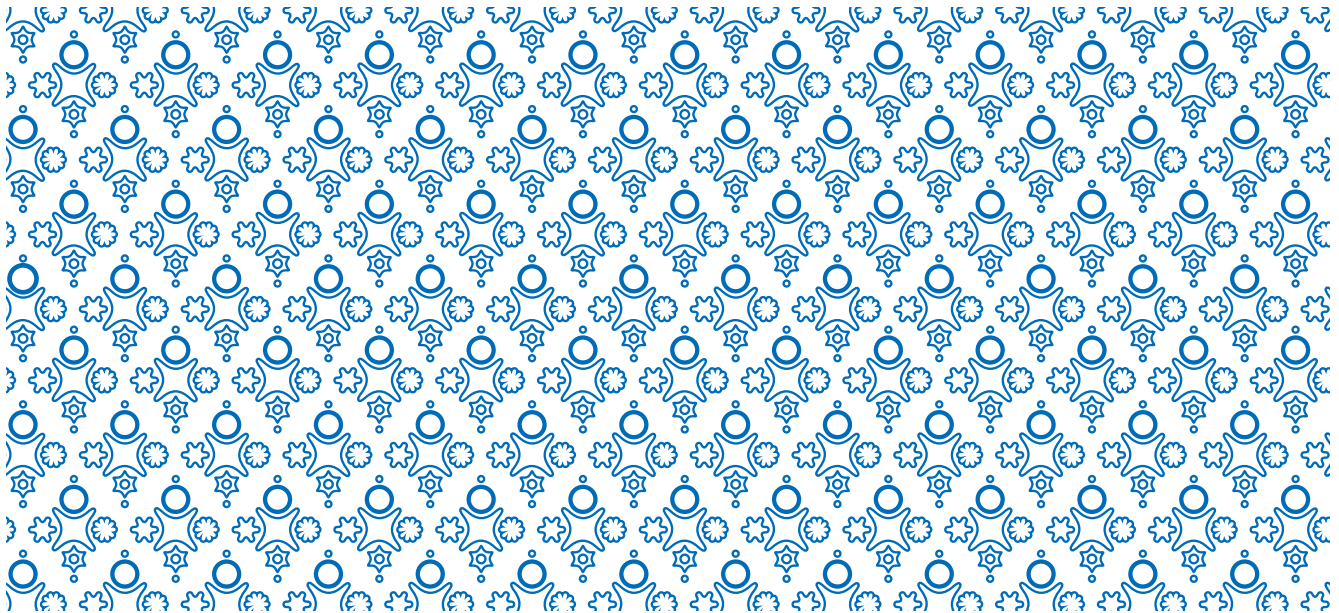
SCHOTT specialist glass tubing and rods offer inspiring and fascinating solutions for a wide range of architectural applications. CONTURAX®, CONTURAX® PRO, DURAN® and DURATAN® allow high transparency and thermal shock resistance as well as hard and smooth surfaces that are scratch resistant. Furthermore, their geometrical accuracy enables precise processing. The high standard of quality in combination with an exceptional range of shapes and dimensions provides unlimited possibilities. Whether it is for interior design, lighting concepts or product presentation open your imagination and explore these creative applications using glass tubing and rods.

Depending on the type of glass tubing and rods are available in diameters from 3 mm up to 460 mm and length from 600 mm up to 10,000 mm.

Other available dimensions upon request.

Product Benefits

- Wide geometrical dimension range.
- Extremely tight geometrical tolerances and high optical quality.



DURAN®

- Highly chemical resistant borosilicate glass with high thermal shock resistance.
- Glass tubes with an outside diameter range from 3 mm up to 460 mm.
- Lengths from 600 mm up to 10,000 mm are possible (depending on outside diameter and wall thickness).

DURAN® Tubes



Dimension range [mm]		
Outside Diameter (OD)	3.00	up to 460.00
Wall Thickness (WT)	0.70	up to 10.00
Length (L)	600	up to 10,000
depending on wall thickness and outside diameter		

DURAN® Rods



Dimension range [mm]		
Diameter (D)	> 6.00	up to 42.00
Length (L)	1,200	up to 3,000
depending on wall thickness and outside diameter		

Further dimensions available upon request.
Requirement: successful technical feasibility test

DURATAN®

- Thermal prestressed DURAN®
- Glass tubes with an outside diameter range from 100 mm up to 400 mm possible (depending on wall thickness and length).
- Lengths from 100 mm up to 1,700 mm are possible (depending on outside diameter and wall thickness).
- Minimum wall thickness of 5 mm is needed
- Further dimensions available upon request. Requirement: successful technical feasibility test
- Smooth and transparent glass
- Fine break pattern similar to tempered safety glass



Dimension range [mm]

Outside Diameter (OD)	100.00	up to 400.00
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depending on wall thickness
and length

Wall Thickness (WT)	≥ 5.00
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Length (L)	100	up to 1,700
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depending on wall thickness
and outside diameter

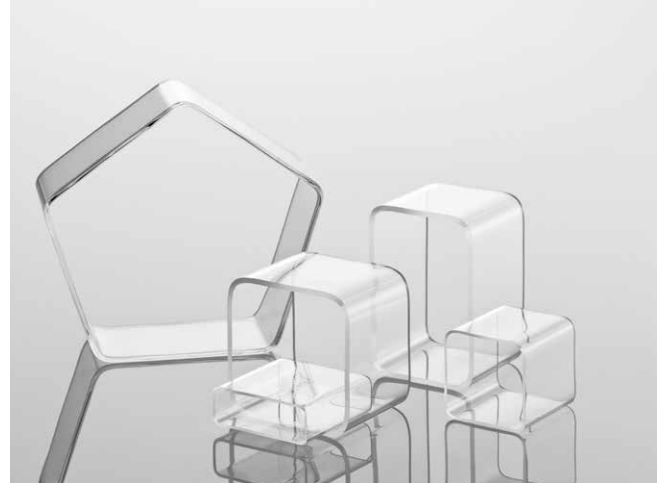
DURATAN®: For illustrative purposes and to show the break pattern, adhesive film has been wrapped around the broken tubes.

CONTURAX® PRO

Standard profile





- Right angle and square tubes available.
- Standard length 1,500 mm.
- Minimum quantity per standard dimension = 1 carton
- Minimum order quantity for deviations from the standard = 500 kg

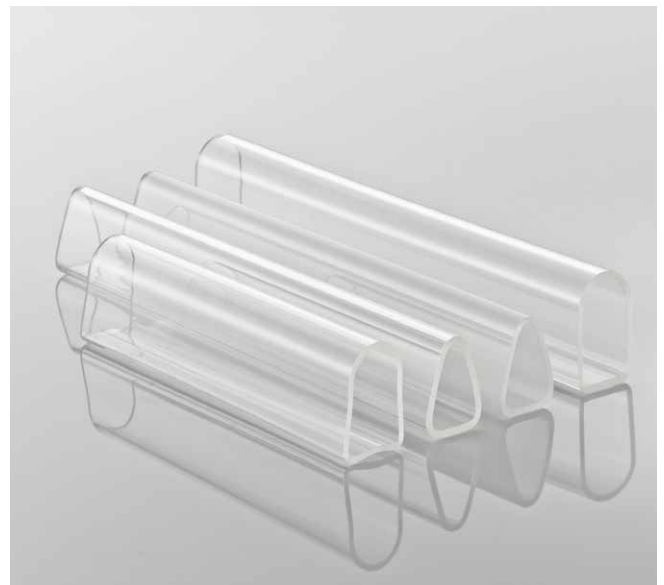
Profile Type	Profile No.	Dimensions [mm]
	085	W 44.50 / WT 1.40 W 67.80 / WT 2.75
	086	H 32.40 / W 54.75 / WT 1.45 H 58.00 / W 86.50 / WT 2.75



Special profile

- Glass tubes and rods are available in a variety of different shapes (The list shows an overview of special profiles manufactured in the past).
- Possible dimension range (depending on the profile and dimensions): Outer diameter (OD) > 6 to 150 mm / Length (L) 1,200 to 4,000 mm
- Minimum order quantities between 500 and 1,000 kg (depending on the profile)
- Other diameters and lengths upon request.

Profile Type	Profile No.	Dimensions [mm]
	086	H 19.00 / W 53.50 / WT 1.75
	089	H 132.70 / W 138.80 / WT 2.75
	093	W 29.25 / W 21.50 / WT 2.10 W 100.00 / W 96.00 / WT 3.00
	098	H 50.00 / W 100.00 / WT 5.00



W: Width | H: Height | D: Diameter | SL: Side Length | OD: Outer Diameter | ID: Inner Diameter | WT: Wall Thickness

Further dimensions available upon request.






Requirement: successful technical feasibility test







CONTURAX®

Standard profile

- Glass tubes and rods available in numerous standard shapes
- Standard length 1,500 mm
- Minimum quantity per dimension = 1 carton
- Other diameters and lengths upon request.












































Profile Type	Profile No.	Dimensions [mm]
	001	W 25.00
	002	W 31.00
	003	W 10.00 W 29.00
	004	OD 30.00 / ID 17.00
	006	OD 22.00 / WT 1.00 OD 30.00 / WT 2.00 OD 40.00 / WT 2.00 OD 50.00 / WT 2.50 OD 60.00 / WT 2.50 OD 70.00 / WT 2.50 OD 80.00 / WT 2.50 OD 100.00 / WT 3.00 for special lengths: min OD 30 / min WT 2

Profile Type	Profile No.	Dimensions [mm]
	028	H 7.50 / W 15.00 H 12.00 / W 25.00 H 14.50 / W 29.50
	033	W 23.00 W 27.00 W 35.00
	041	SL 29.00
	049	W 30.00 / H 12.00
	072	OD1 40.00 / OD2 30.00 / WT~ 2.00 OD1 140.00 / OD2 68.00 / WT ~ 3.30
	073	OD1 140.00 / OD2 68.00 / WT ~ 3.30

Special profile

- Glass tubes and rods available in numerous shapes (The list shows an overview of special profiles manufactured in the past.)
- Outer diameter > 6 to 150 mm
- Lengths between 1,200 and 4,000 mm possible (depending on profile and dimensions)
- Minimum order quantities between 500 and 1,000 kg (depending on the profile)
- Technical test / development of new profile / costs upon request

Profile Type	Profile No.	Dimensions [mm]
	005	W 25.00 / ID 17.00
	010	W 20.00 W 30.00
	013	H 15.00 / W 25.00 H 16.00 / W 32.00

Profile Type	Profile No.	Dimensions [mm]	Profile Type	Profile No.	Dimensions [mm]
	017	W 15.00 W 20.00 W 25.00 W 30.00 W 35.00		054	W 6.00 / H 5.00
	020	OD 24.000 / WT 1.00 / 12 bars OD 40.00 / WT 2.00 / 14 bars OD 60.00 / WT 2.50 / 14 bars OD 80.00 / WT 3.00 / 18 bars		056	SL 30.00
	021	D 25.00		057	W 18.00 / H 6.00
	024	OD 24.00 / WT ~ 1.00 12 bars short / long OD 30.00 / WT ~ 1.20 12 bars short / long		058	W 27.57 / ID 11.44
	034	W 40.00		059	W 30.00 / H 22.60
	035	W 35.00		065	W 9.00 / H 4.00
	036	W 49.50 / H 20.00		066	W 30.00 / H1 5.00 / H2 10.00
	038	W 30.00 / WT max. 2.50 / 60 striations W 40.00 / WT max. 2.50 / 60 striations W 60.00 / WT max. 3.00 / 60 striations W 136.50 / WT max. 4.50 / 80 striations		067	W 18.00 / H 7.50
	040	OD 16.85 / ID 12.40		068	W 10.00 W 25.00
	042	W 18.00 / H 6.10		069	W 3.00 / H 2.00
	043	W 18.20 / H 4.80		070	W 40.00 / H 14.00
	044	W 18.20 / H 4.80		074	W 10.00 / H 5.50 W 15.00 / H 8.40
	047	W 30.00 / H 8.00		075	W 30.00 / H 13.50
	048	W 40.00 / H 10.70		076	W 20.00 / ID 10.00
	050	W 39.50 / H 11.00		077	W 30.00 / H 16.50 W 40.00 / H 21.80
	053	W 100.00 / WT 3.00 / 30 bars W 140.00 / WT 3.00 / 30 bars		079	W 17.00 / ID 10.00
				080	W 16.60 / ID 9.00
				082	OD1 200.00 / OD2 100.00 WT ~ 4.00 / 96 striations
				088	H 8.00
				094a	H 25.00 / W 60.00 / ID 10.50
				094b	H 25.00 / W 60.00
				095	W 9.00 / ID 0.60 W 19.50 / ID 1.50

W: Width | H: Height | D: Diameter | SL: Side Length | OD: Outer Diameter | ID: Inner Diameter | WT: Wall Thickness

Further dimensions available upon request.

Requirement: successful technical feasibility test

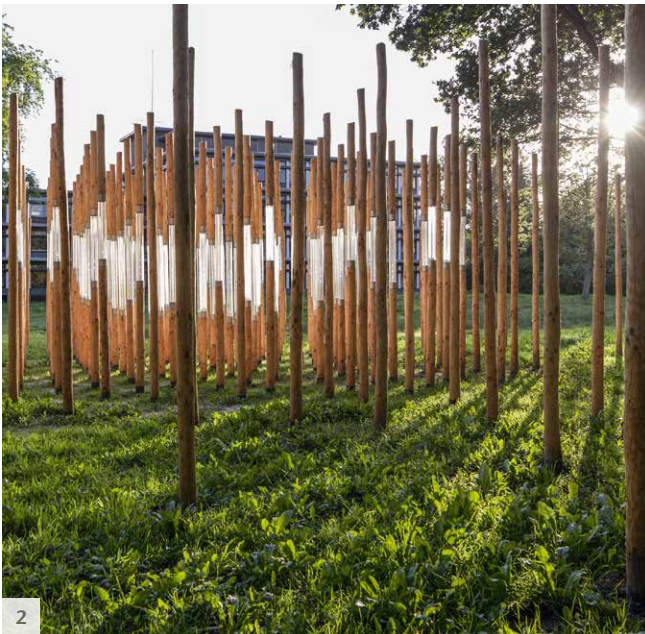
Projects and Impressions



Aurora, London, Great Britain
DURAN®, Artist: Tim Morgan

Art & Design

- let your creativity shine



1: AVIARY, Village Dubai Mall, United Arab Emirates
DURATAN®, Architect: Höweler + Yoon Architecture

2: The Window of your Eyes, Assen, Netherlands
DURATAN®, Artist: Giny Vos

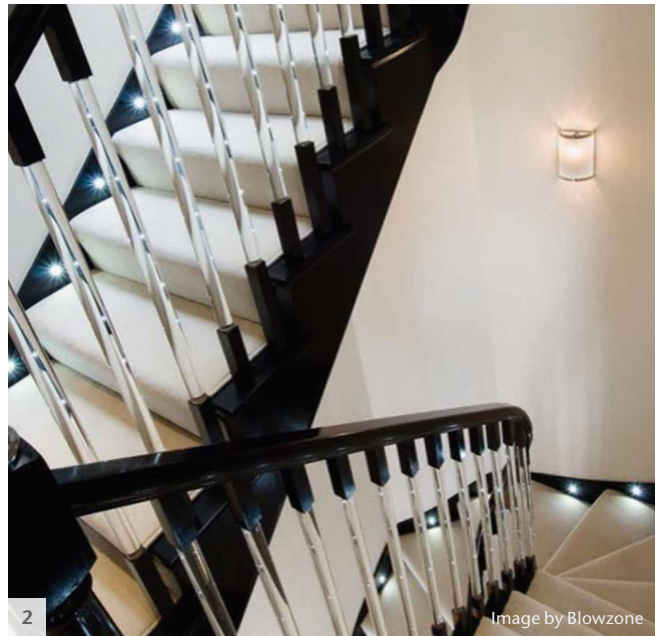
3: Aurora (Detail), London, Great Britain, DURATAN®, Artist: Tim Morgan

Interior Design

- contemporary & innovative solutions



1



2

Image by Blowzone



3

1: Glasstec 2012, Glass wall, Germany, CONTURAX® PRO
2: Glass stairrods, London, Great Britain, DURAN®

3: Glasstec 2012, Glass bar, Germany, CONTURAX®



4: Arquia - Caja de Arquitectos, Barcelona, Spain, DURAN®
5: Fountain, Federal Ministry of Health, Germany, DURAN®

6: Walbrook Offices, London, Great Britain
CONTURAX®, Architect: Foster + Partners

Exhibition

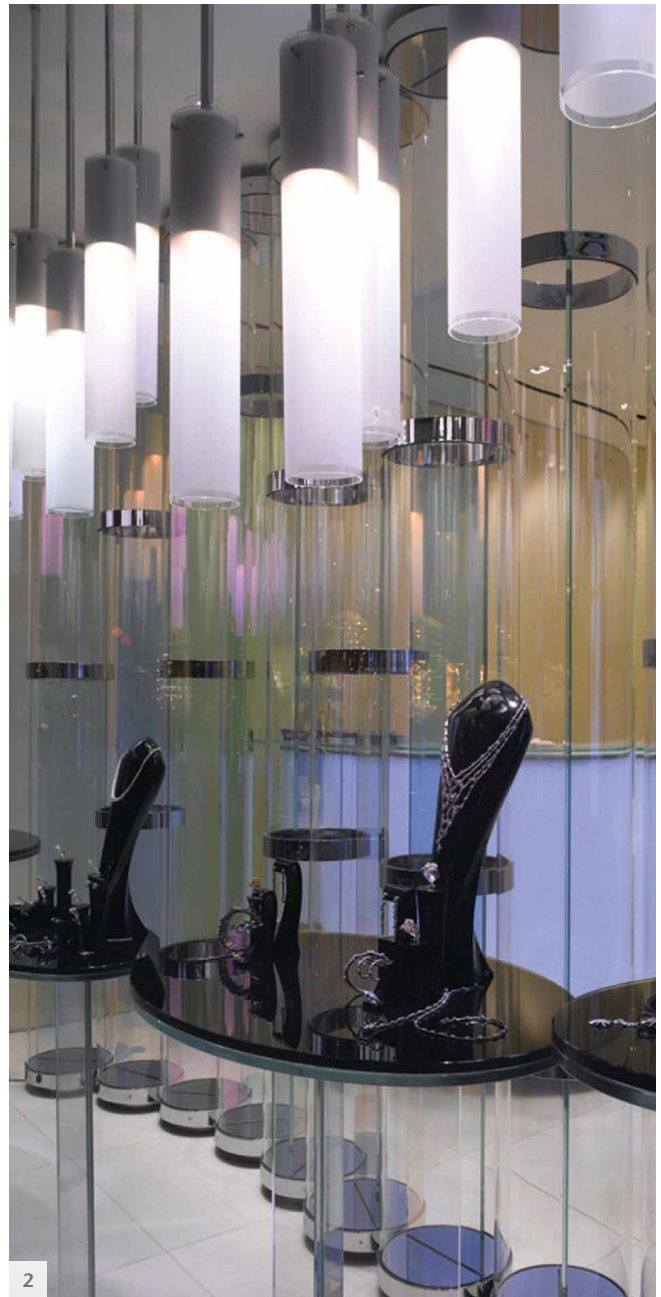
- showcase to the highest standards



1

Image by Adrian Haddad for Qela

1: Qela Store, Doha, Qatar
DURATAN®



2

2: Boodles Jeweller, London, Great Britain
DURAN®

Lighting

- unique & unlimited lighting concepts

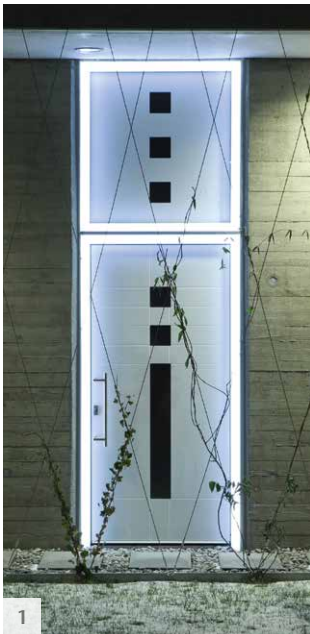


1: SCHOTT Technical Glass Solutions GmbH, Jena, Germany
DURAN®

2: HILTL, Zurich, Switzerland
CONTURAX®

External Architecture

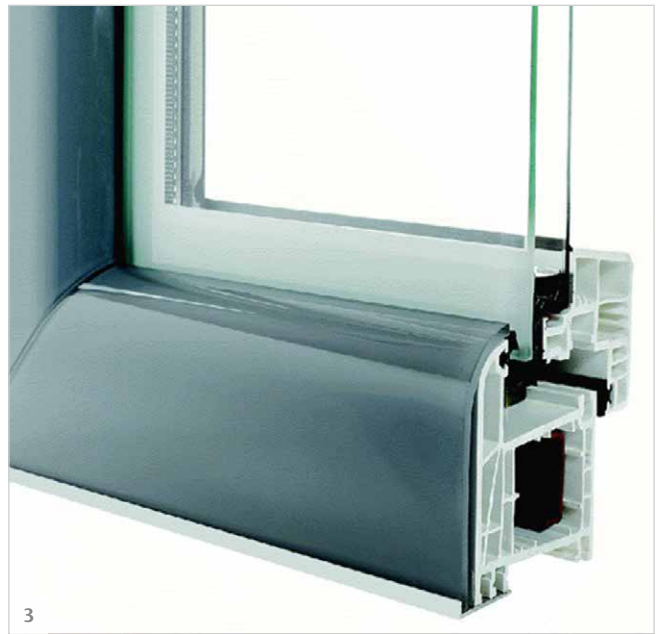
- inspirational designs - make your visions a reality



1



2



3



4



5

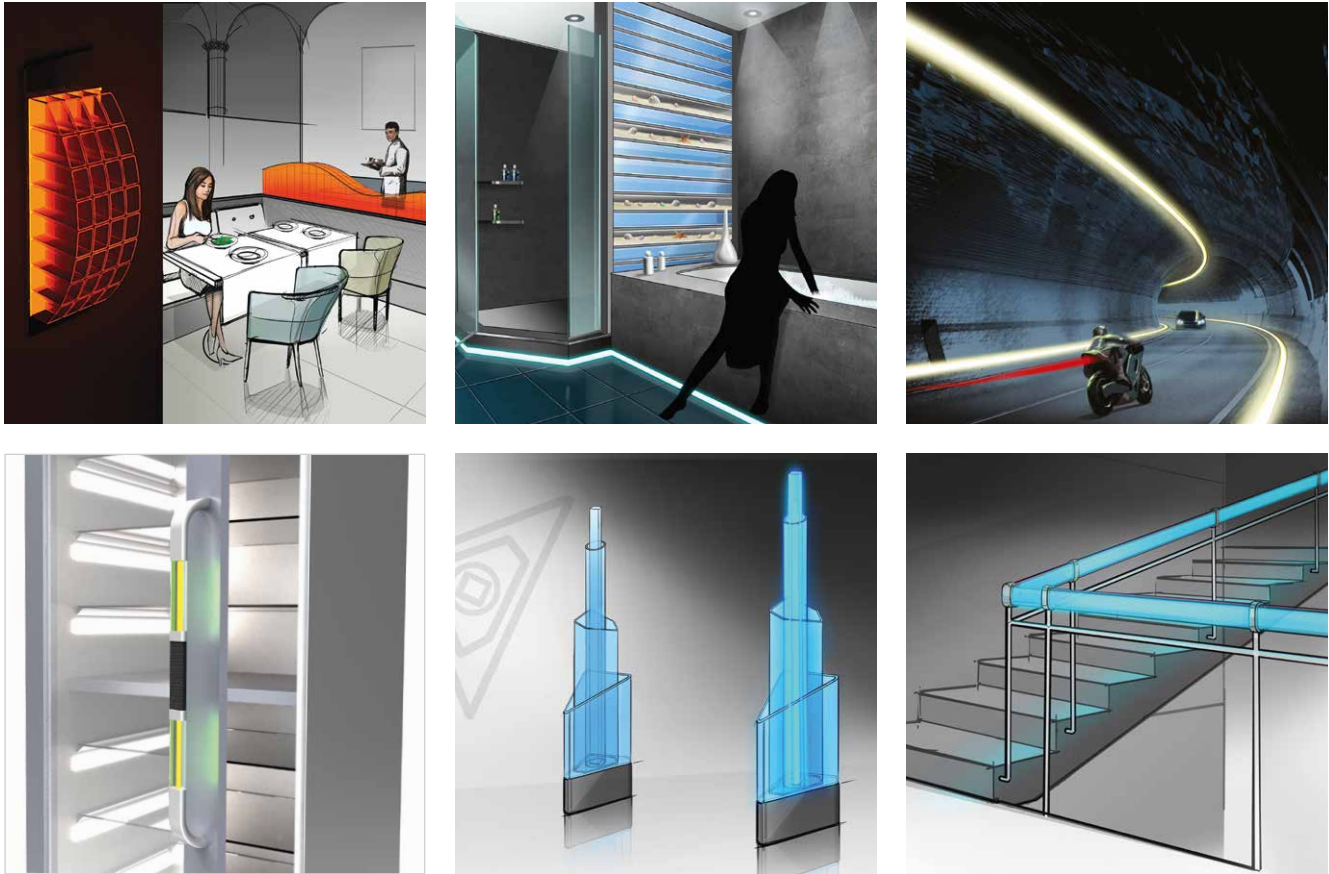
1/2: Perfecta door frame, Germany, CONTURAX® PRO
3: Perfecta window, Germany, CONTURAX® PRO

4: Shade system for facades, CONTURAX® PRO
5: Shade system for facades - design examples
CONTURAX® PRO



We Offer

- **Service and support**
From the inquiry stage right through to delivery our customers receive expert consulting every step of the way.
- **Safety packaging**
The extremely high standard of packaging enables the safety of our products whilst being environmentally friendly.
- **Excellent contacts for further processing**
Our network provides you with company contacts for coloring, laser printing, sandblasting, drilling and sawing.
- **A large dimension range**
We offer almost endless possibilities to suit your requirements.
- **Flexibility**
Highly flexible to meet our customers needs and request.
- **Continuous technical development**
SCHOTT's know how ensures our customers always receive the highest technical standard of our products.



Product ideas with SCHOTT glass tubing and rods

Create it with glass

SCHOTT glass tubing and rods offer a wide range of options for creative ideas and extraordinary product innovations. There are almost no limits and the possibilities in size and shape do not end with the profile types listed in the data tables. Upon request we will find the perfect solution for your ideas and projects. The only thing you have to do - create it with glass!

Please contact us.

Tubing
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More information at www.schott.com/tubing/design

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