



 **actual**[®]

WINDOWS
DOORS
SUN PROTECTION



ACTUAL: AS THE NAME INDICATES

In tune with the times: For 50 years, ACTUAL has been passionately developing the latest window technology. The innovations ALWOOD and ALEVO underline our high standards in design and processing. For the first time, a window has simultaneously won the innovation award for energy-efficient products from the Austrian Ministry of the Environment and the renowned international design award red dot design award. Both awards prove what ACTUAL stands for: For impressive design, maximum energy efficiency and the quality of a thoroughly Austrian family company.

Sustainability and climate protection

The name ACTUAL stands for actuality. The company color blue for sustainability. We live these values consistently:

We manufacture modern, energy-efficient products in Austria. The most important material components also come from the region. That brings regional added value and environmentally friendly logistics. We cover a significant part of our energy needs with solar energy. ACTUAL has built a large photovoltaic system with 1,320 panels. Circulation systems are used in production for the environmentally friendly recycling of materials. The wood-aluminum window factory is heated by a biomass boiler with saw, milling and wood shavings 100% from our own production. So ACTUAL acts holistically according to the principle of sustainability: with products, production, regional added value, logistics and energy saving.

Your new window is an important contribution to climate protection. And the best thing about it: The quality of life increases with more warmth, light and living comfort. Let ACTUAL inspire you!

Become an ACTUALIST!

 **actual**[®]

IDEAL CONSTRUCTION, GREAT COMBINATION.

– ACTUAL OFFERS A **WIDE RANGE OF PRODUCTS** WHICH MEET YOUR INDIVIDUAL DESIRES. THROUGH THE COORDINATED DESIGN YOU CAN COMBINE uPVC AND TIMBER WINDOWS.

ALL GLASS ELEMENTS

SYSTEM LOFT

Intelligent solution of fixed full glass without visible frames..

LIFTING AND SLIDING DOORS

An elegant solution for connecting living space and garden



F.LINE + IN TIMBER-ALUMINIUM AND PVC-ALUMINIUM

The design revolution. Flush cubic inside and outside:



ALWOOD
Revolutionary design - flush exterior/interior



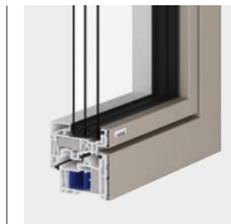
ALEVO
Revolutionary design - flush cubic

F.LINE - IN TIMER-ALUMINIUM, PVC-ALUMINIUM AND PVC

Flush outside. Cubic-straight interior.



CUBIC 9 F
Noble style in wood-aluminum. Glass, sash and frame almost flush on the outside.



MATRIX 9 F
Noble style in pvc-aluminum. Glass, sash and frame are almost flush on the outside.



MATRIX F
Individual style icon - flush exterior



MATRIX 9 F
Innovative and unique in pvc: glass, sash and frame are almost flush on the outside..



MATRIX F
Individual style icon - flush exterior

C.LINE - WOOD-ALUMINIUM, PVC-ALUMINIUM AND PVC

Straight-line surface offset, easy to clean.



CUBIC 9 C
The premium window in wood-aluminum. Straightforward and particularly easy to clean.



MATRIX 9 C
The premium window in synthetic-aluminum. Straightforward and particularly easy to clean.



SOLAR
Established all-rounder



MATRIX 9 C
The premium window in synthetic. Straightforward and particularly easy to clean.



CLASSIC 9
Pure nature: the modern wood window





ALWOOD AND ALEVO

— NEW REVOLUTIONARY HOMOGENOUS WINDOW DESIGN. STRAIGHT CUBIC WITHOUT BEVELS, WITHOUT GLAZING BEADS AND JOINTS. FLUSH EXTERIOR AND INTERIOR.

STRAIGHT CUBIC AND FLUSH

It is the first time a window has been awarded for design with internationally renowned Red Dot Design Award, and for energy efficiency with the award for innovation of Austrian Ministry of Environment. Minimalistic sash for more light and better solar energy efficiency. Similar design in timber/aluminium and uPVC-aluminium versions make both systems combinable in one project. The unique ACTUAL window designs, ALWOOD, timber/aluminium, ALEVO, uPVC/aluminium, are both protected and registered for community design.



INSIGHT IN NEW GENERATION OF WINDOWS

— ACTUAL ENSURES **OPTIMAL FRAME INSULATION** THROUGH THERMAL INSULATION IN FRONT OF THE REINFORCEMENT CHAMBER. **IRON OR FIBREGLASS REINFORCEMENT** PROVIDE ADDITIONAL INSULATION. IN CONTRAST TO OTHER WINDOW SYSTEMS, WHICH CHOOSE BETWEEN THERMAL INSULATION OR REINFORCEMENT, ACTUAL GOES FOR BOTH: **THERMAL INSULATION AND REINFORCEMENT**. WITH THESE WINDOWS YOU WILL NOT WASTE MONEY ON HEATING COSTS.



ALEVO

UPVC window with first-class thermal insulation values due to massive thickness of 101 mm, frame with thermal insulation and triple glazing as standard with Ug 0.5 W/m2K.

Thermal insulation value Uw 0.68 W/m2K



ALWOOD

Timber/aluminium window with best values due to massive thickness of 101 mm, HYBRID frame with HYBRID thermal insulation and serial triple glazing with Ug 0.5 W/m2K.

Thermal insulation value Uw 0.69 W/m2K

1

MODERN FORM

Glass, sash and frame impress with flush on the outside. Inside impresses with compromise straight cubic design without Bevels or joints and a flush sash and frame.

2

CONNECTED INTO ONE

QUADROBOND bonding technology ensures that sash and glass are combined into one stabile unit. This permanently improves thermal insulation, stability and anti-burglary protection.

3

COLD STAYS OUTSIDE

High-tech glass spacers for blocking cold as warm glass edge greatly reduce heat loss and counteract dew and mould build-up.

4

MINIMAL FRAME, MAXIMUM LIGHT

Extremely narrow visible width (106 mm) and minimalistic sash (20 mm) guarantee more light, greater solar efficiency, greater wellbeing.

5

FIXED POINTS

Intelligent ACTUAL aluskin technology fixes corner points with special connection angles. This means instead of individual sides, the fully mounted Aluminium frame is fixed to the window. This ensures long life span and perfect quality also in mitres/corners.

6

ACTUAL INSIDE

Beautiful, easy to clean and invisible fitting: ACTUAL INSIDE without hinges. With anti-burglary fittings, including design safety closing elements and mushroom pin latches.



Inside, the housing and the wing close in one plane.



Straight design: ALWOOD natural oak, oiled.



The minimalist sash of the ALWOOD and ALEVO windows is elegant, the housing, the sash and the glass close almost flat, also in combination with fixed glazing.



CUBIC 9 MATRIX 9 F.LINE

– DELUXE DESIGN WINDOWS:
FLUSH EXTERIOR AND STRAIGHT
CUBIC INTERIOR

Appropriate for passive houses, lowest- and low-energy houses.

CUBIC 9 F.line	
Thermal insulation value Uw with triple glazing Ug 0.5:	0,75 W/m²K
MATRIX 9 F.line, best value	
Thermal insulation value Uw with triple glazing Ug 0.5:	0,71 W/m²K
MATRIX 9 F.line HYBRID, legjobb érték	
Thermal insulation value Uw with triple glazing Ug 0.5:	0,68 W/m²K



Elegant **straight cubic form** with the best function due to massive system width of 107 mm (frame installation depth 87 mm) and more light due to narrower visible width of 105 mm.



The elegant, slim face width with a total face width of only 107 mm and only 34 mm for the sash **ensures more light, solar gains and well-being.** With 2-sash windows, the very slim profile in the middle (faceplate) with a face width of only 116 mm is an important advantage - especially when renovating compared to conventional windows with a bulky, wide faceplate profile.



HYBRID THERMAL INSULATION in frame (PVC: optional)



Serial triple glazing Ug 0.5 W/m2K for optimized thermal insulation.



Integrated glass spacers for blocking cold enable temperature increase on the inner glass side up to 9 °C - this greatly reduces heat loss, as well as dew and mildew build-up.



Exclusive by ACTUAL: **FIXED POINT** technology for joining aluskins with a special joining angle into one lasting unit.



Special bonding technology **QUADROBOND** combines sash and glass into one unit and ensure improvement in thermal insulation, stability and anti-burglary protection..



PVC: Five heat-absorbing chambers and a solid centre sealing bar with insulation chamber for best **thermal and noise insulation, sealing and anti-burglary protection.**





CUBIC 9 MATRIX 9 C.LINE

– NOBLE TIMBER/ALUMINIUM DESIGN WINDOW IN CUBIC FORM

Appropriate for passive houses, lowest- and low-energy houses.

CUBIC 9 C.line	
Thermal insulation value Uw with triple glazing Ug 0.5:	0,75 W/m²K
MATRIX 9 C.line, best value	
Thermal insulation value Uw with triple glazing Ug 0.5:	0,71 W/m²K
MATRIX 9 C.line HYBRID, best value	
Thermal insulation value Uw with triple glazing Ug 0.5:	0,69 W/m²K



Elegant **straight cubic form** with the best function due to massive system width of 107 mm (frame installation depth 87 mm) and more light due to narrower visible width of 105 mm.



The elegant, slim face width with a total face width of only 107 mm and only 34 mm for the sash **ensures more light, solar gains and well-being**. With 2-sash windows, the very slim profile in the middle (faceplate) with a face width of only 116 mm is an important advantage - especially when renovating compared to conventional windows with a bulky, wide faceplate profile.



HYBRID THERMAL INSULATION in frame (PVC: optional)



Serial triple glazing Ug 0.5 W/m²K for optimized thermal insulation.



Integrated glass spacers for blocking cold enable temperature increase on the inner glass side up to 9 °C - this greatly reduces heat loss, as well as dew and mildew build-up.



Exclusive by ACTUAL: **FIXED POINT** technology for joining aluskins with a special joining angle into one lasting unit.



Special bonding technology **QUADROBOND** combines sash and glass into one unit and ensure improvement in thermal insulation, stability and anti-burglary protection.



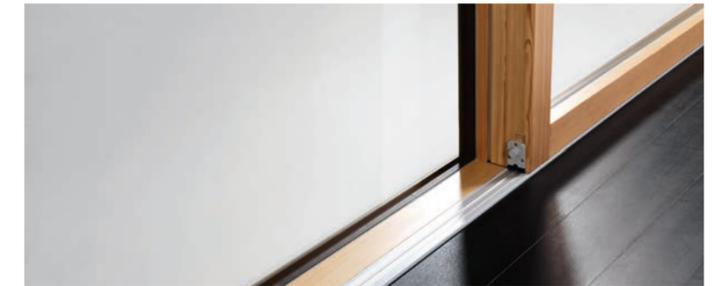
PVC: Five heat-absorbing chambers and a solid centre sealing bar with insulation chamber for best **thermal and noise insulation, sealing and anti-burglary protection**.



ELEGANT CONNECTION OF LIVING AREA AND GARDEN



– WITH ACTUAL SLIDING LIFT DOORS, THE WORLD IS OPEN, BECAUSE THEY OFFER **EXTREMELY GREAT OPENING WIDTH** THAT BLEND LIVING AREA AND GARDEN TOGETHER. WHETHER IN UPVC/ALUMINIUM OR IN TIMBER/ALUMINIUM – ACTUAL IS THE SPECIALIST FOR SLIDING ELEMENTS.



Aesthetic all-glass design for the fixed part.



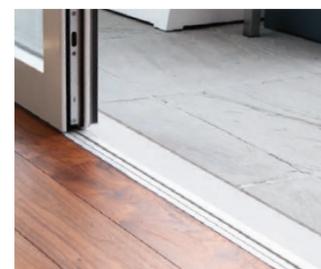
Elegantly flush recessed track.

LIFT-SLIDING DOOR IN WOOD-ALU

Exceptional as standard: The all-glass design, the flush recessed running track and the new sealing technology are the impressive features of the ACTUAL lift-and-slide door in wood-aluminum.

LIFT AND SLIDE DOOR IN PLASTIC AND PLASTIC-ALUMINUM

ACTUAL is also presenting a new system with an aesthetic all-glass design in plastic-aluminum and plastic on both sides. The very slim profile for the fixed part makes the almost frameless look possible.



FLUSH FLOOR THRESHOLDS

Flush floor thresholds of balcony doors (on request) and for sliding lifting doors (image) ensure combination of exterior with the interior. Long-term plan: smooth transition without obstacles will be of great value when getting older.



Foto: Michael Nagl



A 360 ° view from the LOFT home shows what it's like
LOFT fixed glass elements, glass corners,
combinations of balcony doors and lift-and-slide doors.

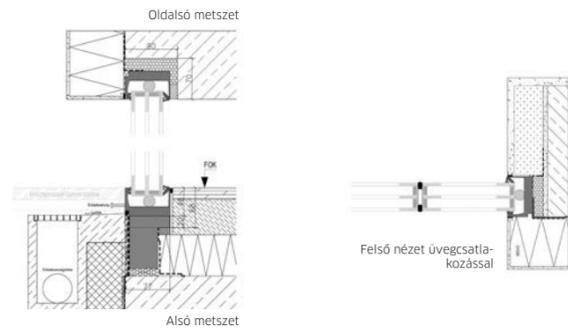


FULL GLASS DESIGN LOFT

LIMITS ARE TO BE OVERCOME.

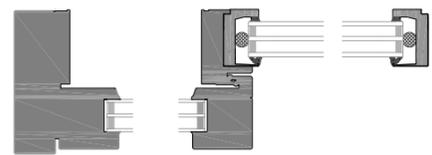


ACTUAL LOFT.SYSTEM makes your house limitless. Well thought, planned combinations of openable elements, as well as full glass fixed glazing and corners, form a basis for making every dream come true.



TIMBER/ALUMINIUM SLIDING LIFT DOORS COMBINED WITH LOFT

Dream solution for admirers of design: timber/aluminium sliding sash glides into LOFT full glass design without frame. timber/aluminium sliding sashes link with many full glass joint connected glass elements and also full glass corners. Complete solution with maximum transparency and openness: living area and garden blend together.



Timber/aluminium sliding lift doors combined with LOFT full glass design.

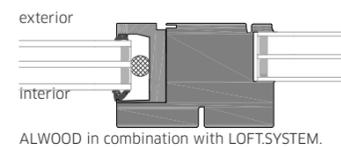


Sliding track, discretely installed into floor.



WINDOWS AND BALCONY DOORS IN COMBINATION WITH LOFT

LOFT can be combined with windows and balcony doors of timber/aluminium systems ALWOOD and CUBIC and uPVC/aluminium systems MATRIX and F.line. Openable elements are therefore elegantly embedded in LOFT full glass system. These combinations ensure a very wide glass surface. In combination with timber/aluminium elements, LOFT frame is invisible on the inside, covered with timber window frame. Combination with uPVC/aluminium elements is possible with static coupling.



ALWOOD in combination with LOFT.SYSTEM.



WINDOW COLOURS MAKE THE WORLD COLOURFUL

– ACTUAL OFFERS LIMITLESS COLOUR DIVERSITY, WITH WHICH YOU CAN PERFECTLY MATCH YOUR WINDOW SYSTEM TO YOUR HOME. CHOOSE BETWEEN THE MOST IMPORTANT STANDARD AND SPECIAL HUES ON THIS PAGE.

WOOD COLOURS FOR ACTUAL TIMBER AND TIMBER/ALUMINIUM SYSTEMS

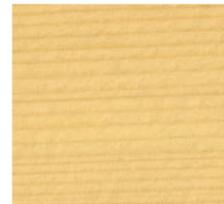
Large colour palette for timber and timber/aluminium windows in spruce, larch, black afara and oak.

Also, all RAL colours can be mixed.

We use quality, ecologically acceptable surface glazes.

For most natural appearance, primed, oiled or open-pored/flaming surface is available.

TYPES OF WOOD NATURAL



Spruce AC 1/12 only for interior
Or timber/ALUMINIUM
AC 16/12 also for exterior



Larch AC 1/12 only for interior or
Timber/ALUMINIUM
AC 16/12 also for exterior



Oak AC 1/12 only for interior or
Timber/ALUMINIUM
AC 16/12 also for exterior



AC 23/12 Detailed image: brushed in larch, oak and spruce

* AC 16/12: Similar in color to AC 1/12, with additional silk matt coating protection. Only in the protected area and in accordance with the ACTUAL care instructions.

LASUR COLORS



Spruce AC 4/12



Larch AC 4/12



Spruce AC 7/12



Larch AC 7/12



Spruce AC 10/12



Larch AC 10/12



Spruce AC 11/12



Larch AC 11/12



Spruce AC 17/12



Spruce AC 18/12



Spruce AC 1/12

WHITE TONES



Spruce AC 6/12

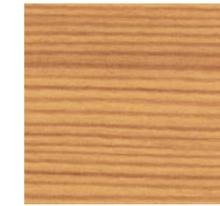


Spruce AC 12/12

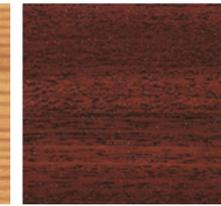
ALUMINIUM COLOURS FOR ACTUAL

The powder coating from ACTUAL is particularly weatherproof, durable and easy to clean. The preferred colors for plastic-aluminum and wood-aluminum in RAL and fine structure, highly weatherproof matt, as well as special structure colors can be found on this page. In addition, all colors from the RAL color card and anodized colors are possible.

PVC/ALUMINIUM AND TIMBER/ALUMINIUM



DECOR natural larch



DECOR mahogany



DECOR country home oak



RAL 9016 traffic white - 1

RAL 7016 anthracite grey hwf - 1 / fine structure hwf - 2

RAL 8017 chocolate brown hwf - 1 / fine structure hwf - 2

RAL 7022 umber grey hwf - 1 / fine structure hwf - 2

RAL 9005 deep black hwf - 1 / fine structure hwf - 2

RAL 9007 grey aluminium hwf - 1 / fine structure hwf - 2

CO natural anodized - 2

RAL 7001 silver grey hwf - 2

RAL 7004 signal grey hwf - 2

RAL 7006 beige grey hwf - 2 / fine structure hwf - 2

RAL 7012 basalt grey hwf - 2

RAL 7021 black-grey hwf - 2

RAL 7030 stone grey hwf - 2 / fine structure hwf - 2

RAL 7035 light grey - 2

RAL 8001 ochre brown hwf - 2

RAL 8003 clay brown hwf - 2

RAL 8019 grey-brown hwf - 2 / fine structure hwf - 2

RAL 8077 Actual brown hwf - 2

RAL 6005 moss green hwf - 2

RAL 9006 white aluminium hwf - 2

DM 02 hwf - 2

DM 03 hwf - 2

DB-703 grey metallic fine structure hwf - 3

Rost fine structure hwf - 3

Sable fine structure hwf - 4

Dune fine structure hwf - 4

medium bronze 03 hwf - 4

dark bronze 04 hwf - 4

H35 timber structure - 4

H44 timber structure - 4

H45 timber structure - 4

H46 timber structure - 4

H47 timber structure - 4

H50 timber structure - 4

WOOD IS A NATURAL MATERIAL, SO COLOR DEVIATIONS OR COLOR PERCEPTION ARE POSSIBLE IN TERMS OF PRINTING TECHNOLOGY AND DIFFERENT MATERIALS SUCH AS WOOD, ALUMINIUM, PLASTIC, PANELS, ETC.

SAMPLING THROUGH ACTUAL COLOR CARD - COLOR DEVIATIONS OR COLOR PERCEPTION IN TERMS OF PRINTING TECHNOLOGY AND WITH DIFFERENT MATERIALS SUCH AS WOOD, ALUMINIUM, PLASTIC, PANEL ETC. POSSIBLE.

— HEAT TRANSFER FACTORS FOR ACTUAL WINDOW TYPES.

Glass	DOUBLE GLAZING				TRIPLE GLAZING									
	Ug [W/m²K]	1,1	1,1	1,1	1,1	0,5	0,5	0,5	0,5	0,6	0,6	0,6	0,6	0,5 ECLAZ 860
Glass spacer		Super-K-Blocker I	Super-K-Blocker II	K-Blocker	Alu	Super-K-Blocker I	Super-K-Blocker II	K-Blocker	Alu	Super-K-Blocker I	Super-K-Blocker II	K-Blocker	Alu	Super-K-Blocker II
Solar Factor (g value)		64%	64%	64%	64%	53%	53%	53%	53%	53%	53%	53%	53%	60%
Light Transmission (TL)		82%	82%	82%	82%	74%	74%	74%	74%	74%	74%	74%	74%	77%
Uf [W/m²K]														
ALEVO	0,91	-	-	-	-	0,68	0,72	0,74	0,82	-	-	-	-	0,72
ALWOOD	0,91	-	-	-	-	0,69	0,72	0,73	0,81	-	-	-	-	0,72
MATRIX 9 C.LINE / F.LINE	1,0	-	-	-	-	0,71	0,74	0,76	0,82	-	-	-	-	0,74
MATRIX 9 C.LINE HYBRID	0,95	-	-	-	-	0,69	0,72	0,74	0,81	-	-	-	-	0,72
MATRIX 9 F.LINE HYBRID	0,92	-	-	-	-	0,68	0,71	0,73	0,80	-	-	-	-	0,71
MATRIX F.LINE	1,1	-	-	-	-	0,75	0,77	0,79	0,85	0,82	0,84	0,86	0,92	0,77
SOLAR	1,2	1,2	1,2	1,2	1,3	-	-	-	-	0,85	0,86	0,88	0,95	-
CUBIC 9 C.LINE	1,1	1,2	1,2	1,2	1,3	0,75	0,77	0,79	0,86	-	-	-	-	0,77
CUBIC 9 F.LINE	1,1	-	-	-	-	0,75	0,77	0,79	0,86	-	-	-	-	0,77
CLASSIC 9	1,0	1,1	1,2	1,2	1,2	-	-	-	-	0,80	0,82	0,85	0,91	-

Uw values for windows in accordance with standard 1.23 m x 1.48 m. Coloured grey in chart: ACTUAL equipment with uPVC glass spacer (Super K-Blocker). * Uf 0.97 by profile for double glazing, Uf 0.92 by profile for triple glazing.

Super-K-Blocker I = Glass edge seal silicone foam
Super-K-Blocker II = Glass edge seal, plastic
K-Blocker = corner joint of glass out of stainless steel
Alu = aluminium corner joint of glass



ACTUAL design handle (G60) in aluminum silver. Standard on ALWOOD, ALEVO, CUBIC, MATRIX, CLASSIC 9



ACTUAL design handle (G61).



Cooper design handle (G62) in copper PVD matt



Lift-and-slide door handle in stainless steel (also possible in black option)



Lift and slide door handle in stainless steel CUBIC.DESIGN



CUBIC design handle (G47) with stainless steel lock and flat rosette



Design handle (G46) in stainless steel with flat Handle plate



Design handle (G48) With acoustic function (G49)



Lift and slide door handle in aluminum silver



Secuforte handle (G 55). Lockable handle (G53).



ACTUAL DOORS

THE ACTUAL FRONT DOOR TECHNOLOGY IS CHARACTERIZED BY HIGH QUALITY SYSTEMS IN ALL MATERIALS - ALUMINUM, WOOD THERMAL COMPOSITE, WOOD-ALU, WOOD AND PLASTIC.

PERFECTLY COORDINATED WITH THE FLUSH-MOUNTED ACTUAL WINDOW DESIGN: FLUSH-MOUNTED ACTUAL ENTRANCE DOORS ALUTEC 100 F.LINE (BOTH SIDES FLUSH WITH INVISIBLE HINGES) AND ALUTEC 87 F.LINE (FLUSH WITH THE OUTSIDE).



MANHATTAN AVENUE (HA 244)



ROUTE 66 (HA 141)



MOON 11 (HH 111)



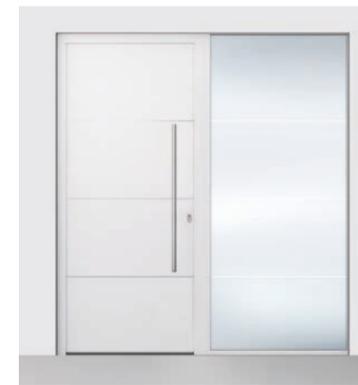
WEST END AVENUE (HA 277)



MOON 12 (HA 231)



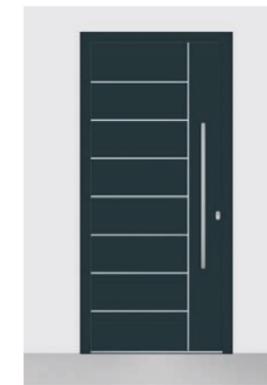
MOON 16 (HH116)



QUEENS STREET (HA 120)



HEAVEN STREET (HA 225)



ABBAY ROAD (HA 303)



MAR VISTA AVENUE (HA 240)



BANFF (HA 234)



ACTUAL PARTNER & WINDOW CENTRE

www.actual.at www.actual.de

WINDOWS
DOORS
ALL - GLASS UNITS
SLIDING SYSTEMS
SUN SHADING

**ACTUAL Fenster Türen Sonnenschutz GmbH
AUSTRIA**

A-4053 Haid/Ansfelden, Actualstraße 31
Tel: +43/(0)7229/866-0, Fax: +43/(0)7229/80758
e-mail: office@actual.at

11/2020 – technical changes, typographical errors reserved.
Figures can show special versions.