

KNEER · SÜD
FENSTER

Lived Vision

ENTRANCE DOORS
PRIME MODELS

2023

ALUMINIUM

PRIME MODELS 2023

Sophisticated front doors

The decisive factor for your well-considered purchase decision is certainly the appearance. The spark must jump over. Whether modern, classic, purist or charming - the front door must suit you and the style of your house. Aluminium front doors from KNEER-SÜDFENSTER are not only beautiful to look at and inviting, but also convince through inner values such as a robust construction, high security and good thermal insulation.

An innovative, technically mature front door fulfills its tasks for many years and looks very good at the same time!

ENTRANCE DOORS
CATEGORY **PREMIUM⁺**

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ENTRANCE DOORS
CATEGORY **PREMIUM**

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ENTRANCE DOORS
CATEGORY **BASIC⁺**

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ENTRANCE DOORS
CATEGORY **BASIC**

PAGE 25



Welcome to Kneer-Südfenster

For 90 years the family business KNEER-SÜDFENSTER has been producing high-quality building elements for demanding clients from aluminum-wood, wood, aluminum, aluminum-plastic and plastic.

Around 800 employees manufacture windows, lift-and-slide doors, mullion-transom facades and entrance doors according to the latest findings in the highest quality for customers all over the world.



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HT A 23-220

Standard Equipment

frame colour HWF-RAL9005-FMA

jet black

door leaf colour HWF-RAL9006-FME

white aluminium

ring rosette BA 3505

TIMELESS ELEGANT

Behind the charming exterior hides the latest technology and innovative security equipment of resistance class RC 2. A modern entrance door means more protection, security and well-being.

Standard Equipment

automatic-lock with daytime function | fully concealed hinges | LED-handle illumination | colour HWF-RAL9005-FMA jet black
handle aluminium in powdercoated RAL 9005 jet black fine structure matt | ring rosette freely selectable

⚠ Only available with illustrated handle in jet black or silver



PREMIUM⁺



HT A 23-221

Standard Equipment
frame colour HWF-RAL9005-FMA
jet black
door leaf colour HWF-RAL9006-FME
white aluminium
ring rosette BA 3505

WELCOME AT HOME

A light and airy feeling of life welcomes you at this entrance door, which gives your home a very personal touch: Sweeping, dynamic and design-oriented, it reflects the style of the residents.

Standard Equipment

automatic-lock with daytime function | fully concealed hinges | colour HWF-RAL9005-FMA jet black
curved handle aluminium in powdercoated RAL 9005 jet black fine structure matt | ring rosette freely selectable

⚠ Only available with illustrated handle in jet black or silver





HT A 23-224

Standard Equipment
frame colour HWF-RAL9005-FMA
jet black
door leaf real wood surface
oak oiled

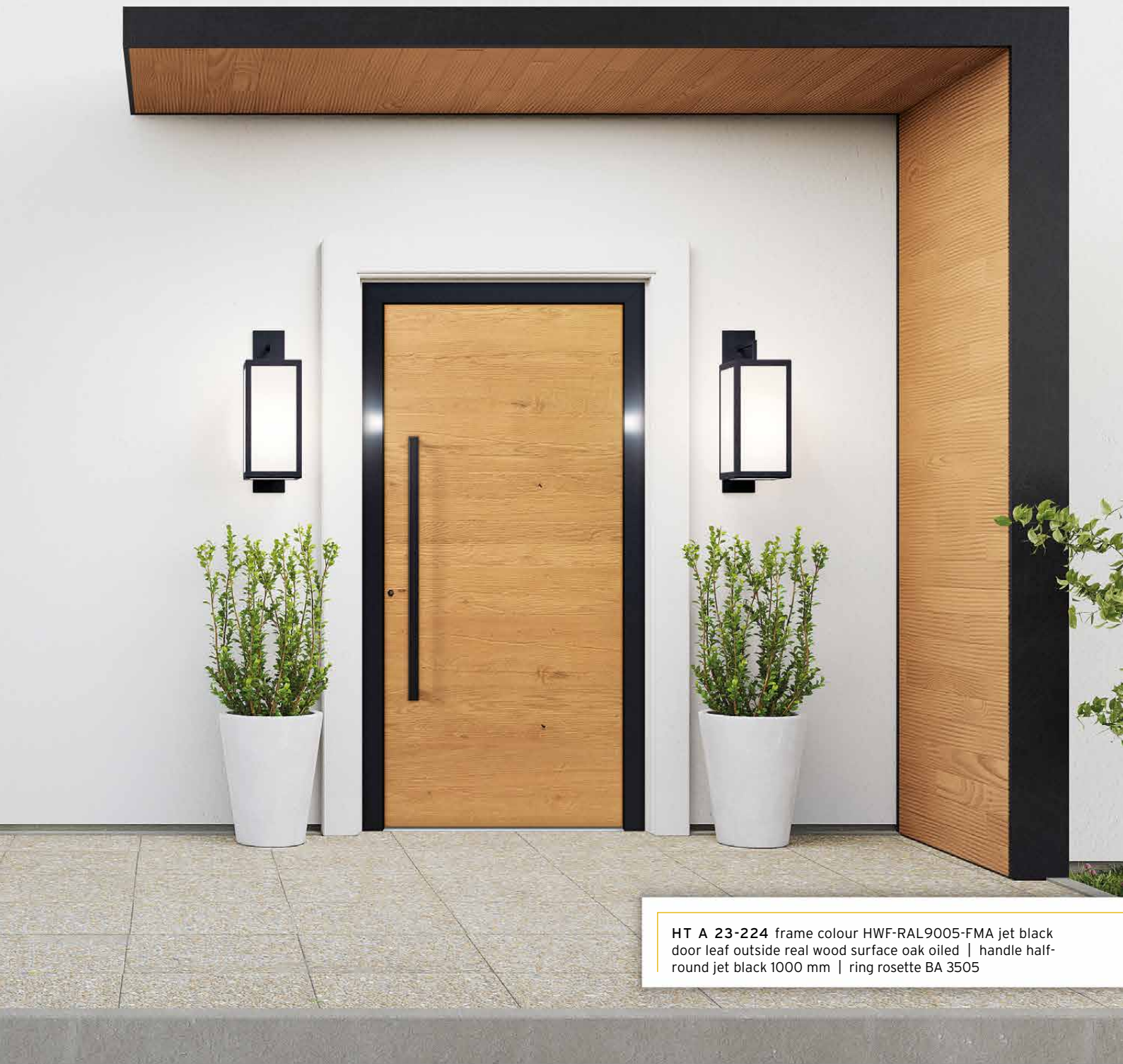
The real wood veneer is only possible on the outside.

VINTAGE-LOOK

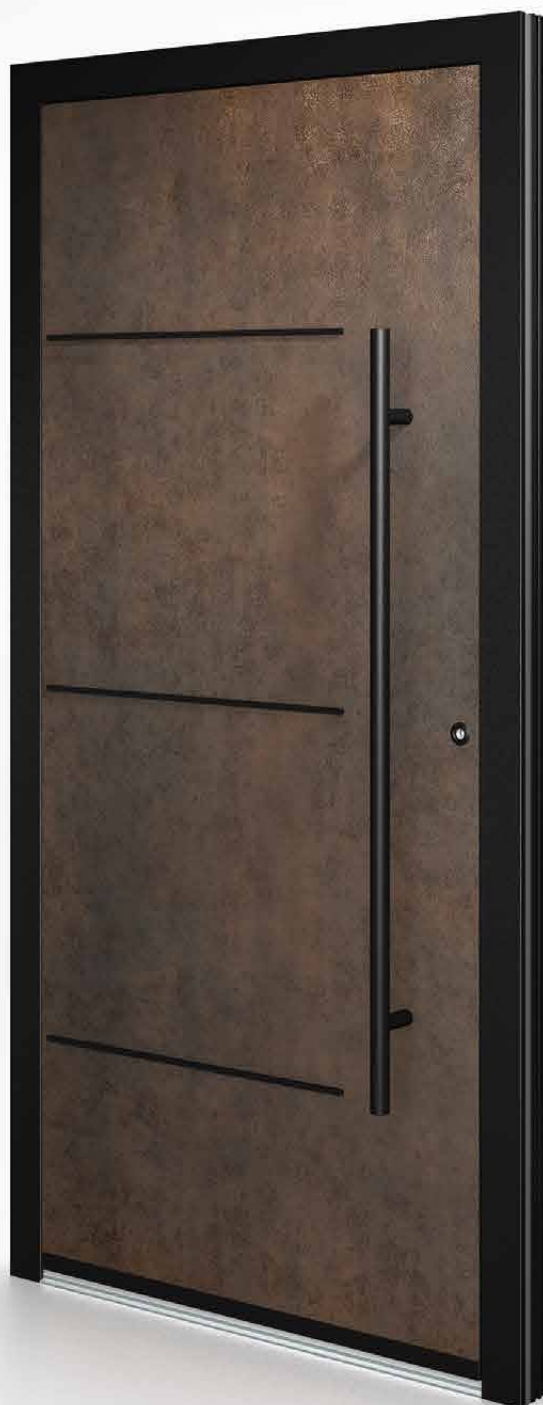
If you value a particularly distinctive door look, this vintage look entrance door is your choice! The natural grain looks lively and thus brings out the character from reclaimed wood in its unique form.

Standard Equipment

*automatic-lock with daytime function | fully concealed hinges | frame colour HWF-RAL9005-FMA jet black
door leaf outside real wood surface oak oiled | door leaf inside HWF-RAL9005-FMA jet black
handle half-round jet black 1000 mm | oval rosette jet black | jet black base plate*



HT A 23-224 frame colour HWF-RAL9005-FMA jet black
door leaf outside real wood surface oak oiled | handle half-
round jet black 1000 mm | ring rosette BA 3505



HT A 23-225

Standard Equipment
frame colour HWF-RAL9005-FMA
jet black
door leaf rust optics ceramics Corten

*Stripes & ceramics Corten surface
are only possible on the outside.*

ROBUST, SCRATCH RESISTANT AND UNCOMPLICATED

Even it's a rather old material ceramics is nowadays a versatile high-tech material - extremely robust. The model ceramics Corten remembers to a rust steel plate tanned by wind and weather, scratch resistant and uncomplicated.

Standard Equipment

*automatic-lock with daytime function | fully concealed hinges | frame colour HWF-RAL9005-FMA jet black
door leaf outside rust optics ceramics Corten | door leaf inside HWF-RAL9005-FMA jet black | handle round jet black 1200 mm
ring rosette BA 3505 | jet black base plate | jet black stripes*

HT A 23-225 frame colour HWF-RAL9005-FMA jet black
door leaf rust optics ceramics Corten | handle round jet black 1200
mm ring rosette BA 3505 | jet black base plate | jet black stripes
side light glazing satinato white



PREMIUM

EQUIPMENT ALSO AVAILABLE
IN STAINLESS STEEL



HT A 23-205

frame colour HWF-RAL9005-FMA jet black
door leaf colour HWF-RAL9006-FME white aluminium
handle BA 3016 | ring rosette BA 3505
jet black applications | partially sandblasted glass in
the number field glass and house number Iso light



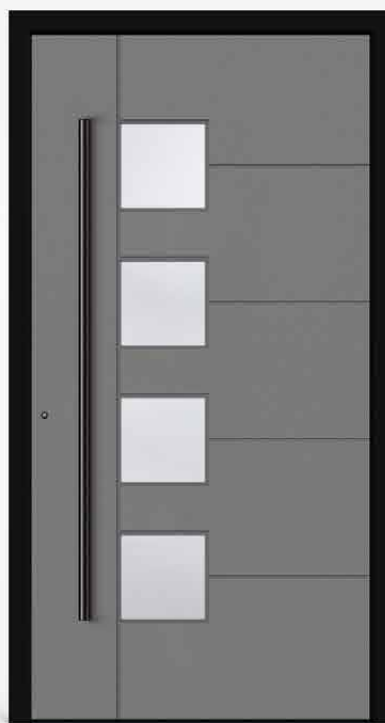
HT A 23-206

frame colour HWF-RAL9005-FMA jet black
door leaf colour HWF-RAL9006-FME white aluminium
handle BA 3016 | ring rosette BA 3505
jet black stripes | glazing satinato white



HT A 23-215

colour HWF-RAL9007-FME grey aluminium
internal grip plate
ring rosette BA 3503 | grooves
LED lighting optional



HT A 23-218

frame colour HWF-RAL9005-FMA jet black
door leaf colour HWF-RAL9007-FME grey aluminium
handle BA 3016 | ring rosette BA 3505
grooves | glazing satinato white



PREMIUM

EQUIPMENT AVAILABLE IN
JET BLACK OR STAINLESS STEEL



HT A 23-201

colour HWF-RAL9016-FMA traffic white
handle BA 3001 | ring rosette BA 3503
stainless steel base plate



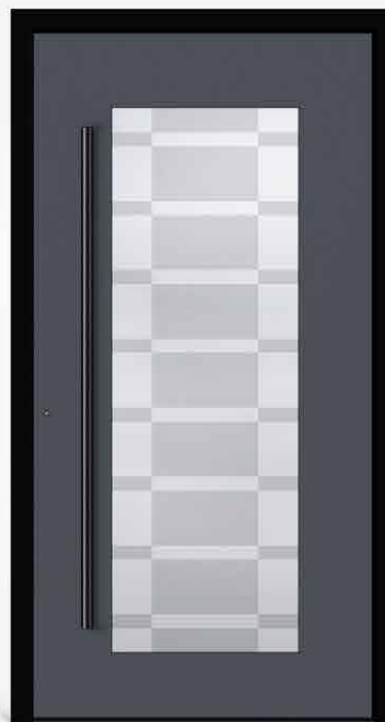
HT A 23-203

colour HWF-RAL9016-FMA traffic white
handle BA 3001 | ring rosette BA 3503
stainless steel stripes



HT A 23-213

frame colour HWF-RAL9005-FMA jet black
door leaf colour HWF-DB703-FME DB 703 | curved
handle aluminium in powdercoated RAL 9005 jet black
fine structure matt* | ring rosette BA 3505



HT A 23-216

frame colour HWF-RAL9005-FMA jet black
door leaf colour HWF-DB703-FME DB 703
handle BA 3016 | ring rosette BA 3505
glass partially sandblasted



BASIC⁺

ALL MODELS
ONLY WITH THE SHOWN
HANDLES AVAILABLE



HT A 23-701

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-702

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm | glazing satinato white



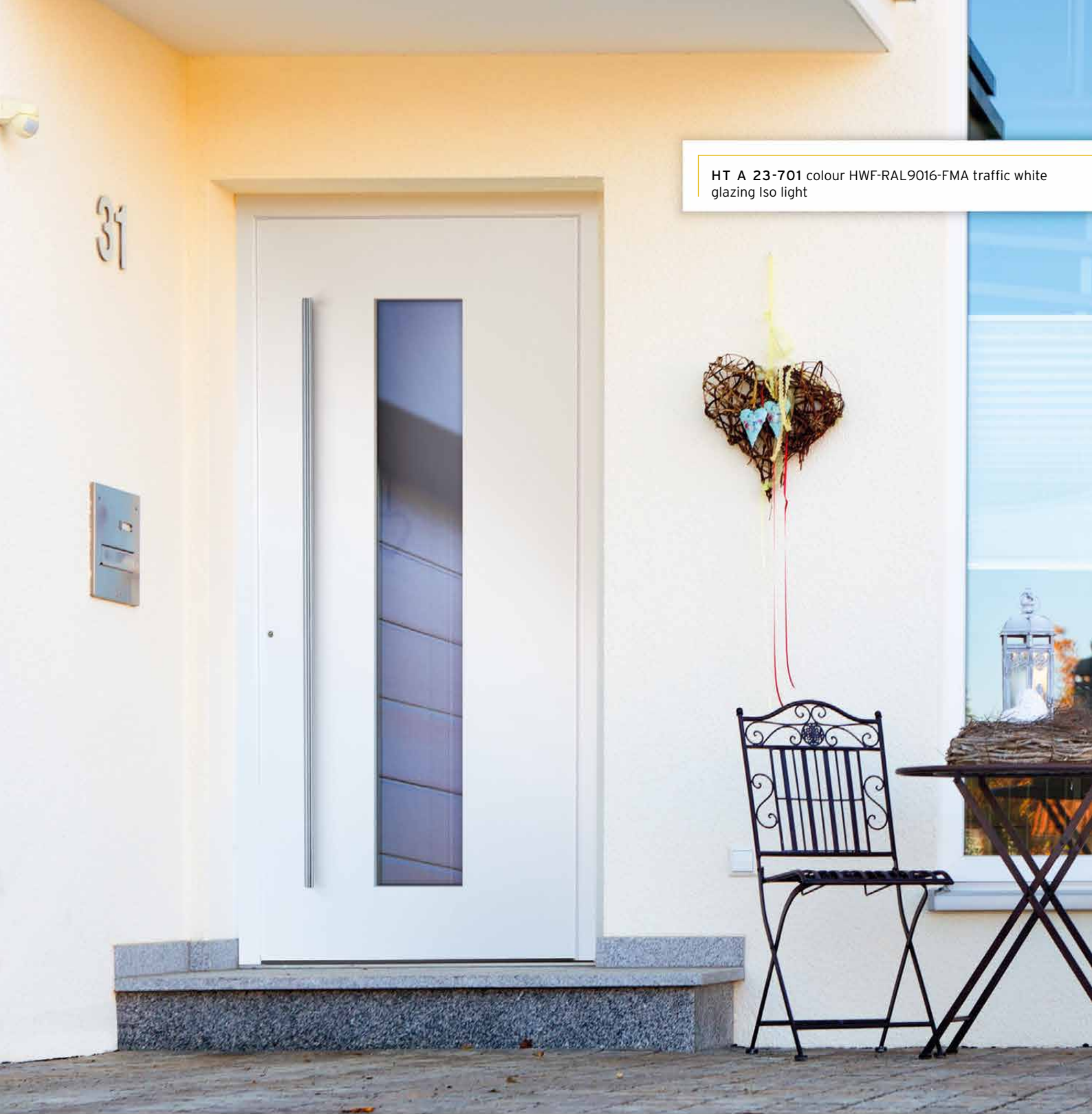
HT A 23-703

colour HWF-RAL7037-FMA dusty grey
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-705

colour HWF-RAL7037-FMA dusty grey
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-701 colour HWF-RAL9016-FMA traffic white
glazing Iso light

BASIC⁺

ALL MODELS
ONLY WITH THE SHOWN
HANDLES AVAILABLE



HT A 23-706

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-707

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm



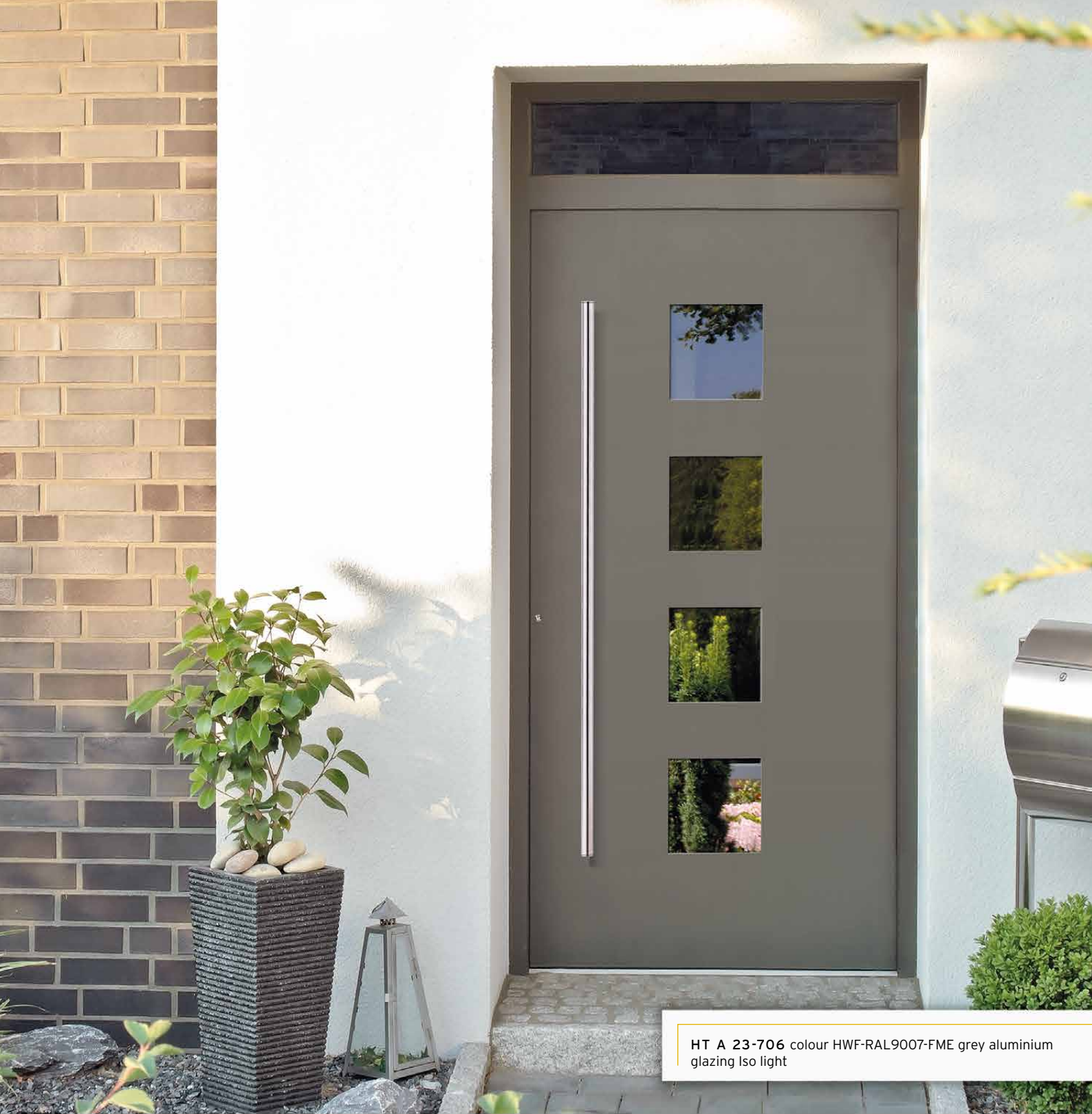
HT A 23-709

colour HWF-RAL7037-FMA dusty grey
handle BA 3047, 1600 mm | stainless steel stripes



HT A 23-710

colour HWF-RAL7037-FMA dusty grey
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-706 colour HWF-RAL9007-FME grey aluminium
glazing Iso light

BASIC⁺

ALL MODELS
ONLY WITH THE SHOWN
HANDLES AVAILABLE



HT A 23-122

colour HWF-RAL9016-FMA traffic white
inside: below without cassettes and ornamental
frame | glazing satinato white | handle 600 mm



HT A 23-124

colour HWF-RAL9016-FMA traffic white
inside: below without cassettes and ornamental frame simulated
divided lites (both sides) | glazing satinato white | handle 600 mm



HT A 23-113

colour HWF-RAL7016-FMA anthracite grey
inside: below without cassette and ornamental
frame glazing bars between the exterior panes
handle 600 mm | glazing satinato white



HT A 23-125

colour HWF-RAL7016-FMA anthracite grey
decorative rosette only outside
handle 600 mm | glazing satinato white



HT A 23-113 colour HWF-RAL9016-FMA traffic white
glazing Iso light | glazing bars between the exterior panes

BASIC⁺

ALL MODELS
ONLY WITH THE SHOWN
HANDLES AVAILABLE



HT A 23-105

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-106

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-107

colour HWF-RAL7016-FMA anthracite grey
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-108

colour HWF-RAL7016-FMA anthracite grey
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-106 colour HWF-RAL7016-FMA anthracite grey
glazing satinato white

BASIC⁺

ALL MODELS
ONLY WITH THE SHOWN
HANDLES AVAILABLE



HT A 23-115

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-119

colour HWF-RAL9016-FMA traffic white
handle BA 3047, 1600 mm | stainless steel stripes



HT A 23-120

colour HWF-RAL7016-FMA anthracite grey
handle BA 3047, 1600 mm | glazing satinato white



HT A 23-126

colour HWF-RAL7016-FMA anthracite grey
handle BA 3047, 1600 mm

BASIC

ALL MODELS
ONLY WITH THE SHOWN
HANDLES AVAILABLE



HT A 23-127

colour HWF-RAL9016-FMA traffic white
handle BA 3071, 1000 mm | glazing satinato white



HT A 23-128

colour HWF-RAL9016-FMA traffic white
handle BA 3071, 1000 mm | glazing satinato white



HT A 23-129

colour HWF-RAL7016-FMA anthracite grey
handle BA 3071, 1000 mm | glazing satinato white



HT A 23-132

colour HWF-RAL7016-FMA anthracite grey
handle BA 3071, 1000 mm | glazing satinato white

ALUMINIUM COLOURS PG1



HWF-RAL9016-FMA
traffic white



HWF-RAL7040-FMA
window grey



HWF-RAL7037-FMA
dusty grey



HWF-RAL7016-FMA
anthracite grey



HWF-RAL8017-FMA
chocolate brown



HWF-RAL9006-FME
white aluminium



HWF-RAL9007-FME
grey aluminium



HWF-7774-FME
volcanic ash



HWF-DB703-FME
DB 703



HWF-7773-FME
cast iron



HWF-RAL8014-FMA
sepia brown



HWF-RAL8011-FMA
nut brown



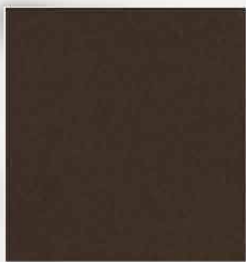
HWF-RAL8003-FMA
clay brown



HWF-RAL3004-FMA
purple red



HWF-RAL6005-FMA
moss green



HWF-6667-GMA
alu dark bronze



HWF-6668-GMA
alu middle bronze



HWF-6669-GMA
alu natur

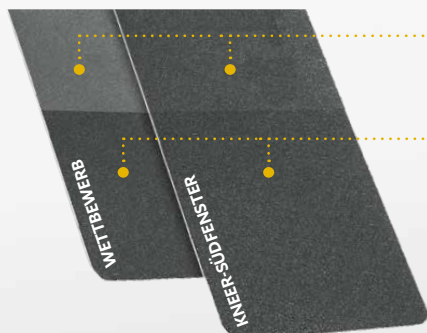
ALUMINIUM - SONDERFARBEN

- RAL at choice smooth-matt (pg 2 **without surcharge**)
- RAL at choice smooth-glossy, fine structure and highly weather resistant as far as possible (pg 3 - 5)

THE FOLLOWING COLOURS ARE NOT AVAILABLE

- NCS-, DB- and RAL design colour card
- wood decors and pearl effect

WEATHER TEST



● After 10 YEARS OF WEATHERING, the HWF-coating of KNEER-SÜDFENSTER is much less faded

● Powder coating in new condition

GLAZING

To make your new front door even more individual, we offer special glasses for you to choose from. In addition to Iso light, we also offer various ornamental glass types. Or would you prefer Satinato white with a clear edge? Very elegant!



SATINATO WHITE*



SATINATO WITH CLEAR EDGE



CHINCHILLA WHITE*



MASTERCARRE WHITE*



SILVIT WHITE



GOTHIK WHITE



MADRAS PAVE WHITE



MADRAS UDI WHITE



BAROCK WHITE

NOTE

BASIC and **BASIC+** entrance doors are only available with the marked* glazing

STAINLESS STEEL EQUIPMENT



NOTE

For **PREMIUM** entrance doors you can choose between these handle bars



HANDLE BAR HALF-ROUND

material: stainless steel
dimension and type:

1480 mm - BA 3030
1280 mm - BA 3011
1040 mm - BA 3004

HANDLE BAR ROUND

material: stainless steel
dimension and type:

1480 mm - BA 3001
1200 mm - BA 3003
500 mm - BA 3010

INTERIOR HANDLES & EXTERIOR ROSETTES

PREMIUM, **BASIC⁺** and **BASIC** front doors are standardly equipped with stainless steel fittings and interior handle BA 3503 and BA 3504. On request, a handle can be selected on the outside instead of the handle bar. The outside lever handle is identical with the inside lever handle (without surcharge). You will receive 5 keys in the standard.



PROFILE CYLINDER COVERAGE FOR INSERT PANEL

handle inside: oval
material: stainless steel
type: BA 3503



PROFILE CYLINDER COVERAGE FOR ATTACHMENT PANEL

handle inside: oval
material: stainless steel
type: BA 3504



PROFILE CYLINDER
with drilling protection
and 5 reversible keys

BLACK EQUIPMENT



NOTE

For **PREMIUM** entrance doors you can choose between these handle bars



HANDLE BAR HALF-ROUND

dimension and type:

1480 mm - BA 3013
1280 mm - BA 3014
1040 mm - BA 3015

HANDLE BAR ROUND

dimension and type:

1480 mm - BA 3016
1200 mm - BA 3017
500 mm - BA 3018



OUTSIDE

PROFILE CYLINDER COVERAGE FOR INSERT PANEL

handle inside: oval
type: BA 3505



FINGERPRINT

Black MAGIC

Fully on trend:

Accessories in an elegant very intense black. Mysterious, traditional and fascinating. Magical forces captivate your visitors and convey an enchanting, sparkling atmosphere of well-being.

Surprise family, friends and acquaintances with a high quality entrance door made especially for you, including the most state-of-the-art technology.

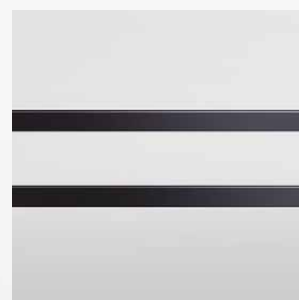
Made with decades of experience.



BASE PLATE



APPLICATION



STRIPES

SPECIAL EQUIPMENT

ACCESS OPTIONS

All doors are equipped as standard with an automatic lock (without E-opener).

By pulling the door, the latch bolts at the top and bottom of the door automatically move 20 mm into the bolting bar. As a result, the door is always locked - without locking with the key. A day trap (also called snapper or latch) is also integrated in the lock, however, the automatic locking must be deactivated for use.

1 E-OPENER

Electric door opener - for using, the automatic lock has to be deactivated manually. The E-opener is integrated in the face plate.

- ✓ Easy opening of the door by actuation of e.g. the domestic intercom system
- ✓ No need to walk to the door

2 AUTOMATIC LOCK WITH M-OPENER

Door opener with motor-driven release - By pulling the door closed the multipoint lock will be activated without locking it. Releasing is done by pressing the handle or for instance by a domestic intercom system. Electrical opening options such as fingerprint or domestic intercom system are overridden by manual relocking.

- ✓ Maximum security without locking
- ✓ The automatic and the motorised locking complement each other
- ✓ Ideal for access system in single and multi-family houses

3 FULL MOTORIZED LOCK

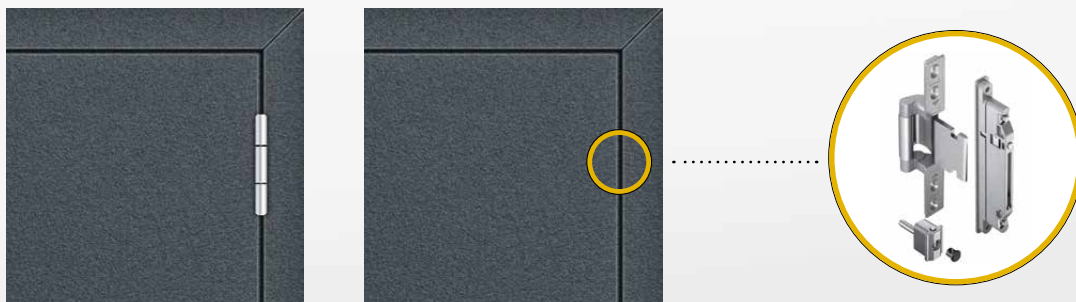
Opening and closing is motorized - as if by magic. As soon as the door falls into the lock, the lock independently closed, without any manual closing. The opening of the door is comfortably motorized via door opener the intercom system or via access systems.

- ✓ Maximum comfort and security
- ✓ Increased tightness
- ✓ Panic function as standard, opening the door from inside is always guaranteed

FULLY CONCEALED HINGES

All **PREMIUM+** front doors are equipped with concealed hinges as standard.

You have the possibility to upgrade all **PREMIUM**, **BASIC+** and **BASIC** front doors with concealed hinges.



FINGERPRINT ACCESS SYSTEM INCLUDING M-OPENER



The fingerprint includes the M-opener listed above. The automatic locking and motorized unlocking is thus ensured and thus increases the safety. Electrical opening options such as fingerprint or domestic intercom system are overridden by manual relocking.

ALSO
AVAILABLE IN
JET BLACK



- ✓ comfortable operation, you don't have to carry a key
- ✓ external access is not only possible via the key but also via the fingerprint - you have the choice
- ✓ the door is always closed and thus provides maximum security
- ✓ our fingers are unique and cannot be replicated or get lost, the fingerprint ages with you
- ✓ pull the taught fi nger over the scanner, the green light will illuminate and the door will unlock



DETAIL



1 INTEGRATED IN THE DOOR LEAF

fingerprint in jet black



DETAIL



2 INTEGRATED IN THE HANDLE BAR

push bar half-round with fingerprint available in two lengths. Installation height of the fingerprint approx. between 1200 mm and 1600 mm depending on the door height and mode.

push bar length 1280 mm - BA 3041

push bar length 1480 mm - BA 3042

or integrated in the handle bar of model HT A 23-213

OPTIONALLY SINGLE SPACE MONITORING

With this variant you have the option to delete or shut down individual fingers. Controllable only via App (if you have a smartphone with Bluetooth-function).

SMART-HOME

SAFETY BEGINS OUTSIDE THE DOOR

SmartConnect door is a modern, smart video door intercom system that opens up new possibilities for you. Via tablet or smartphone you can always and everywhere get in touch with your visitors, even if you are not at home. The small and discreet door module also contains a smart home server that can be used to manage users and access authorizations in addition to opening the door.

NOTE

SmartConnect door is not possible with **BASIC** entrance doors



COMFORTABLE OPERABILITY

- ✓ Intuitive operation of the door intercom system via smartphone app
- ✓ Location-independent interaction with visitors - authorized mobile devices receive a push message as soon as the bell is rung
- ✓ Individual user administration with time profiles



HIGH SECURITY

- ✓ High system security through secure encryption and user accounts
- ✓ You can see your visitors, speak with them, open the door - a log of everything that happens in front of your entrance door
- ✓ Additional security: A presence is suggested to the person ringing the bell and you can see who is at your entrance door at all times

CAMERA

LANGUAGE MODUL

TOUCH-BELL



NOTE

For SmartConnect door, the door must be near a WLAN network

SASH EXECUTIONS

INSERT PANEL



DETAIL
OUTSIDE

- classic view through attachment hinges
- offset between sash frame and panel visible



DETAIL
INSIDE

Possible with the following models:
23-105, 23-106, 23-107, 23-108, 23-113, 23-115,
23-119, 23-120, 23-122, 23-124, 23-125, 23-126

ATTACHMENT PANEL ONE-SIDED SASH CONCEALED



DETAIL
OUTSIDE

- modern, high quality look through shapely roller conveyors
- from the outside no unaesthetic offset between sashframe and panel visible
- fingerprint possible
- execution in safety class RC 2 possible



DETAIL
INSIDE

Possible with the following models:
23-701, 23-702, 23-703, 23-705,
23-706, 23-707, 23-709, 23-710

ATTACHMENT PANEL BOTH-SIDED SASH CONCEALED



DETAIL
OUTSIDE

- modern, high quality look through shapely roller conveyors
- from the outside no unaesthetic offset between sashframe and panel visible
- fingerprint possible
- execution in safety class RC 2 possible



DETAIL
INSIDE

Possible with the following models:
23-201, 23-203, 23-205, 23-206, 23-213, 23-215,
23-216, 23-218, 23-220, 23-221, 23-224, 23-225

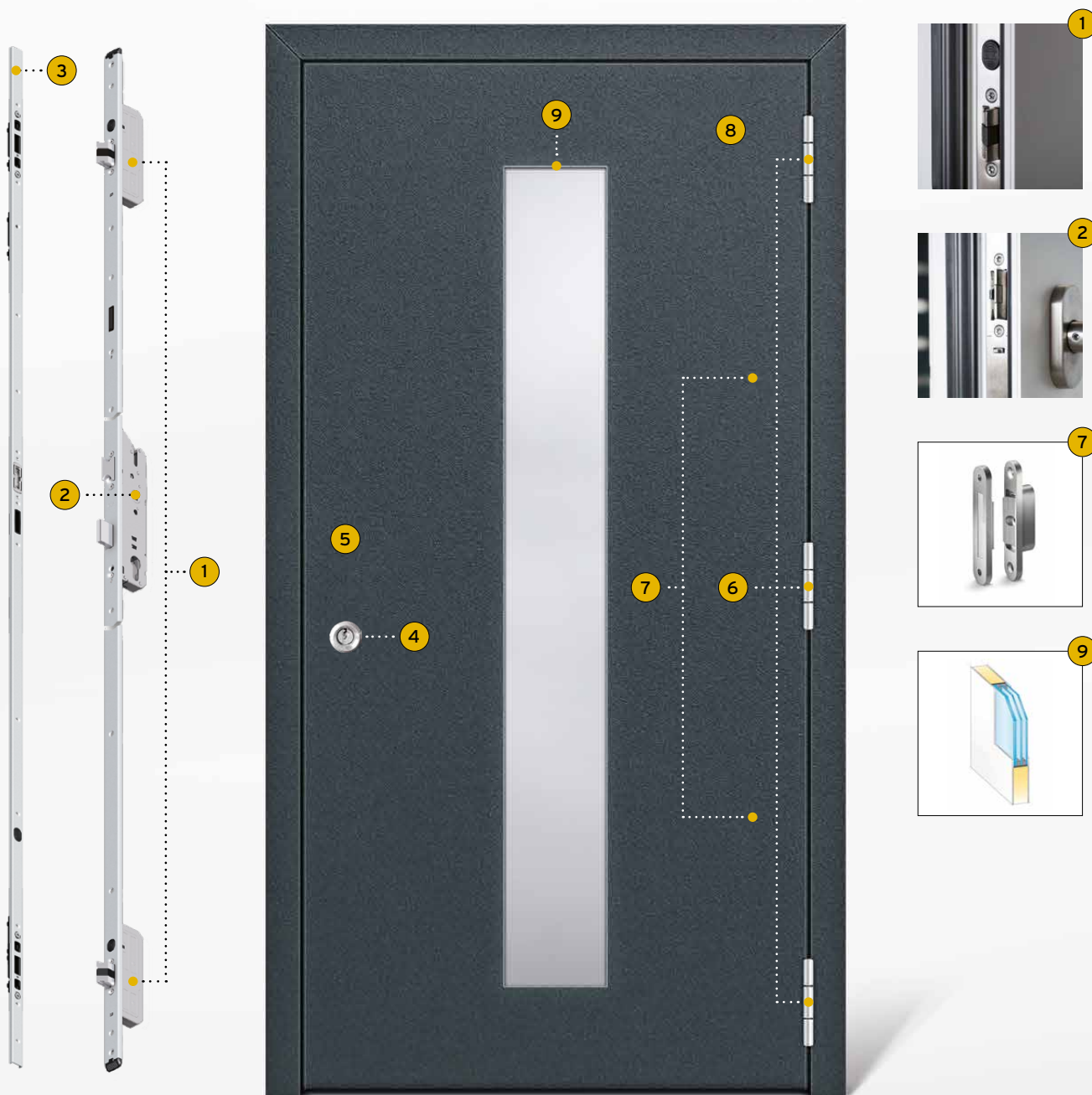
SAFETY TECHNOLOGY

SECURITY AND SAFETY FOR YOUR HOME

Your new entrance door should be inviting for visitors and deterrent for burglars.

First and foremost, it must guarantee safety because burglars choose this way more and more often.

Even with the basic equipment we therefore attach great importance to the solid safety mechanism.





SAFETY COMPONENTS

STANDARD EQUIPMENT

- 1 Lock tested corresponding to security class RC 2:
When closing the door the latch bolts drive 20 mm into the bolting bar via a magnetic impuls at the top and bottom of the door. Therefore the door is always closed - without re-closing with a key.
- 2 The main bolt can be locked with a key turn - the lever blocks for control purposes, as a child safety lock and for maximum security.
- 3 Continuous bolting bar:
protection against prying on the lock side
- 4 Cylinder with drill protection
- 5 5 Interior handle in stainless steel with exterior cylinder cover: serves as a pull protection for the cylinder
- 6 Stable roller conveyor:
triple security on the hinge side
- 7 Two hinge-side securities:
the opposite wedges get caught when the door is closed and offer additional protection against prying on the hinge side
- 8 Strong and massiv aluminium panel:
meets RC 2 requirements

ON REQUEST THE PLUS IN SAFETY

- 9 P4A safety glazing: One pane consists of a composite of two panes with integrated security foil. Furthermore, the glazing is glued circumferential with a special adhesive in the glass cut-out. Thus, the glass connection is secured. | Safety execution RC 2 **against surcharge**

The status **RC 2 TESTED** achieve the following front doors

- ✓ Without glass cut-out through standard equipment:
HT A 23-201 | HT A 23-203 | HT A 23-213 | HT A 23-215 | HT A 23-220 | HT A 23-221
- ✓ Through the use of an additional P4A protective glazing:
HT A 23-205 | HT A 23-206 | HT A 23-216 | HT A 23-218

TECHNICAL DATA

CATEGORY	BASIC and BASIC ⁺ entrance doors
MATERIAL	aluminium
SYSTEM	AT 72
INSERT PANEL	44 mm thick, triple glazing, with warm edge
ATTACHMENT PANEL	48 mm thick, triple glazing, with warm edge where technically possible, an anti-warpage shear bond is used
COLOUR	door with panel in RAL 9016 traffic white (more colours for a surcharge)
LOCK	automatic-lock as multipoint locking with daytime function, without E-opener
CYLINDER	profile cylinder with emergency and danger function, drill protection and 5 keys
HINGES	3 concealed hinges 3 3-piece roller conveyors and 2 hinge-side securities (only at 700-er series as standard)
MAX. SIZE	1150 x 2250 mm frame outer dimension
MIN. SIZE	1010 x 2050 mm frame outer dimension
HANDLES	stainless steel handle bar 600 mm outside (HT A 23-113, -122, -124, -125) stainless steel handle bar 1000 mm outside (HT A 23-127, -128, -129, -132) stainless steel handle bar 1600 mm outside (HT A 23-105, -106, -107, -108, -115, -119, -120 & -126) stainless steel handle bar 1600 mm outside (HT A 23-701, -702, -703, -705, -706, -707, -709 & -710)

U_D-VALUE INSERT PANEL *

MODEL	CATEGORY	SYSTEM	U _D -VALUE
HT A 23-105	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-106	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-107	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-108	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-113	BASIC⁺	AT 72	1,2 W/m ² K
HT A 23-115	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-119	BASIC⁺	AT 72	1,0 W/m ² K
HT A 23-120	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-122	BASIC⁺	AT 72	1,2 W/m ² K
HT A 23-124	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-125	BASIC⁺	AT 72	1,3 W/m ² K
HT A 23-126	BASIC⁺	AT 72	1,0 W/m ² K

U_D-VALUE ATTACHMENT PANEL *

MODEL	CATEGORY	SYSTEM	U _D -VALUE
HT A 23-701	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-702	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-703	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-705	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-706	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-707	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-709	BASIC⁺	AT 72	1,1 W/m ² K
HT A 23-710	BASIC⁺	AT 72	1,1 W/m ² K

U_D-VALUE CONSTRUCTION DOORS *

MODEL	CATEGORY	SYSTEM	U _D -VALUE
HT A 23-127	BASIC	AT 72	1,1 W/m ² K
HT A 23-128	BASIC	AT 72	1,2 W/m ² K
HT A 23-129	BASIC	AT 72	1,2 W/m ² K
HT A 23-132	BASIC	AT 72	1,2 W/m ² K

Technical drawing of a three-part window frame assembly. The drawing shows three vertical sections of the frame, each with a cross-hatched central pane. The overall width is 72 units. The overall height is 144 units. The dimensions are as follows:

- Overall width: 72
- Overall height: 144
- Section 1 (top): 70 (height), 5 (width), 46 (height), 5 (width)
- Section 2 (middle): 70 (height), 5 (width), 92 (height), 5 (width)
- Section 3 (bottom): 25 (height), 20 (width), 71 (width), 9 (width)

Technical drawing of a window frame cross-section, showing two views with dimensions in millimeters (mm).

Left View (Side Profile):

- Overall width: 72 mm
- Overall height: 70 mm
- Inner height: 46 mm
- Inner width: 51 mm
- Bottom height: 109 mm

Right View (Front Profile):

- Overall width: 63 mm
- Overall height: 48 mm
- Inner height: 20 mm
- Inner width: 71 mm
- Inner height: 109 mm
- Bottom height: 12 mm

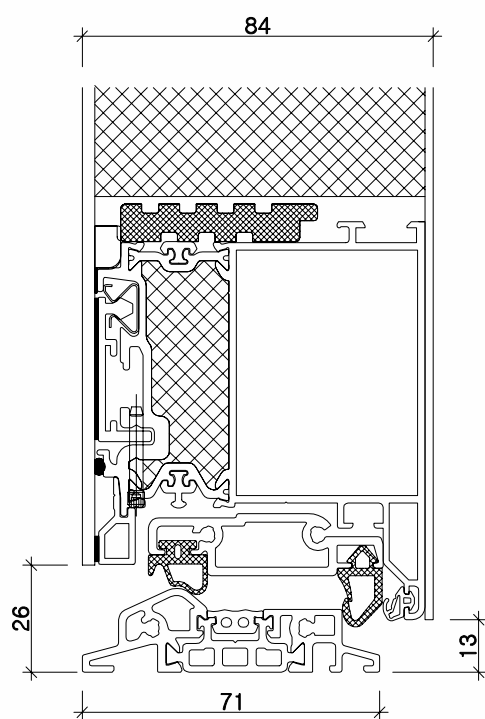
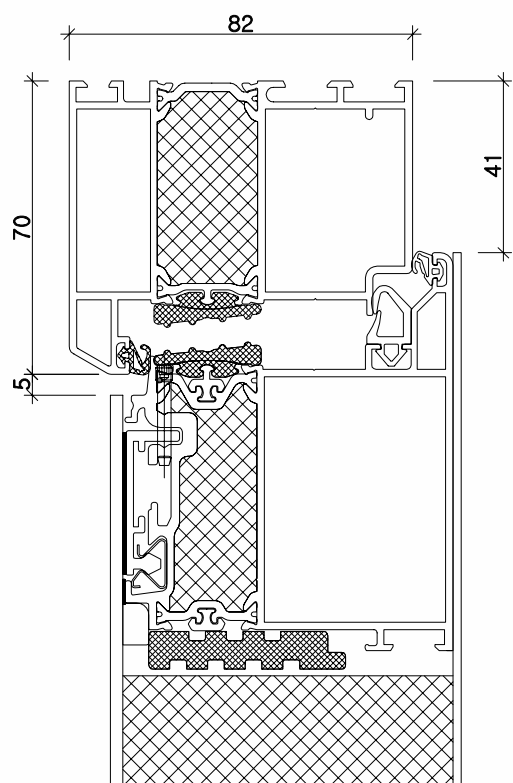
TECHNICAL DATA

CATEGORY	PREMIUM and PREMIUM ⁺ entrance doors
MATERIAL	aluminium
SYSTEM	AT 82 / AT 72
PANEL	83 mm thick, triple glazing, with warm edge where technically possible, an anti-warping shear bond is used
COLOUR	door with panel in standard colours according to our aluminium colour chart (no wood decors possible) special colours according to RAL possible Finestructure and highly weather resistant as far as possible Both sides same colour or outside colour, inside white
LOCK	automatic-lock as multipoint locking with daytime function, without E-opener
CYLINDER	profile cylinder with emergency and danger function, drill protection and 5 keys
HINGES	3 3-piece roller conveyors and 2 hinge-side securities PREMIUM ⁺ entrance doors: 3 concealed hinges
MAX. SIZE	1150 x 2250 mm frame outer dimension
MIN. SIZE	980 x 1980 mm frame outer dimension HT A 23-205 min. height 2045 mm HT A 23-215 min. height 2010 mm
HANDLES	PREMIUM entrance doors: please see category jet black handlebar 1000 mm outside (HT A 23-224) jet black handlebar 1200 mm outside (HT A 23-225)

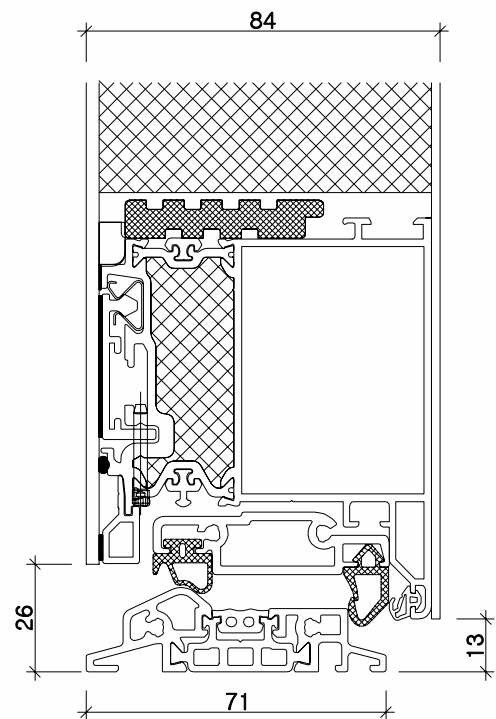
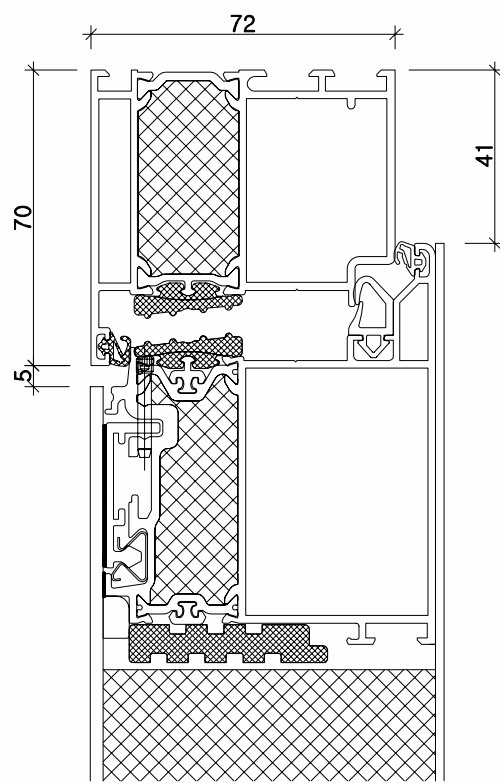
U_b-VALUE BOTH-SIDED SASH CONCEALED *

MODEL	CATEGORY	SYSTEM	U _b -VALUE
HT A 23-220	PREMIUM ⁺	AT 72	0,75 W/m²K
HT A 23-221	PREMIUM ⁺	AT 72	0,75 W/m²K
HT A 23-224	PREMIUM ⁺	AT 72	0,85 W/m²K
HT A 23-225	PREMIUM ⁺	AT 72	0,85 W/m²K
HT A 23-201	PREMIUM	AT 72	0,75 W/m²K
HT A 23-203	PREMIUM	AT 72	0,75 W/m²K
HT A 23-205	PREMIUM	AT 72	0,83 W/m²K
HT A 23-206	PREMIUM	AT 72	0,82 W/m²K
HT A 23-213	PREMIUM	AT 72	0,75 W/m²K
HT A 23-215	PREMIUM	AT 72	0,90 W/m²K
HT A 23-216	PREMIUM	AT 72	0,86 W/m²K
HT A 23-218	PREMIUM	AT 72	0,82 W/m²K

AT 82



AT 72



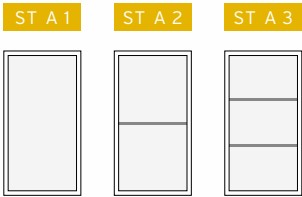
ALSO AVAILABLE

SIDE LIGHTS

ST A 1, ST A 2 and ST A 3 possible (max. width 910 mm)

GLAZING

VSG 6 mm



SASH EXECUTION

Execution attachment panel one-sided

Execution total concealed hinges, only possible for inward opening

ACCESS OPTIONS

Electric opener

Automatic lock as multipoint locking with M-Opener

Full motorized lock without adaptor

SECURITY / MISCELLANEOUS

Safety execution RC2 for entrance door

Safety execution RC2 for side lights

LED lighting HT A 23-215

Sandblasted glass with clear edge or clear stripes (entrance door and/or side light) per door or side light

COLOURS





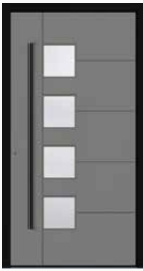

















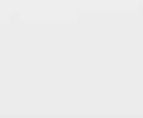
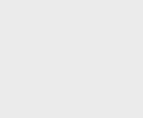
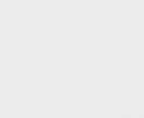
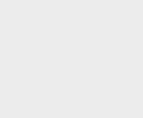
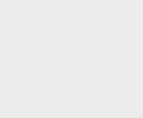
- pg 1-2 for entrance door
- pg 1-2 for side lights
- pg 3-5 for entrance door and side lights
- included in the basic price

NOTE

There might be slight deviations in colour due to printing process.



MODEL OVERVIEW

						
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HT A 23-218 ➤ page 12	HT A 23-201 ➤ page 14	HT A 23-203 ➤ page 14	HT A 23-213 ➤ page 14	HT A 23-216 ➤ page 14	HT A 23-701 ➤ page 16	HT A 23-702 ➤ Seite 16
						
HT A 23-703 ➤ page 16	HT A 23-705 ➤ page 16	HT A 23-706 ➤ page 18	HT A 23-707 ➤ page 18	HT A 23-709 ➤ page 18	HT A 23-710 ➤ page 18	HT A 23-122 ➤ page 20
						
HT A 23-124 ➤ page 20	HT A 23-113 ➤ page 20	HT A 23-125 ➤ page 20	HT A 23-105 ➤ page 22	HT A 23-106 ➤ page 22	HT A 23-107 ➤ page 22	HT A 23-108 ➤ page 22
						
HT A 23-115 ➤ page 24	HT A 23-119 ➤ page 24	HT A 23-120 ➤ page 24	HT A 23-126 ➤ page 24	HT A 23-127 ➤ page 25	HT A 23-128 ➤ page 25	HT A 23-129 ➤ page 25
						
HT A 23-132 ➤ page 25	HT A 23-133 ➤ page 25	HT A 23-134 ➤ page 25	HT A 23-135 ➤ page 25	HT A 23-136 ➤ page 25	HT A 23-137 ➤ page 25	HT A 23-138 ➤ page 25

KNEER · SÜD **FENSTER**

Lived Vision



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