



Novoform – Interior Doors and Frames

Just what you're looking for



Contents

Novoform interior doors	3
Super-Standard, Super-Plus, Super-Dekor and Super-Color interior doors	4
Features of Novoform interior doors	6
Window cutouts, accessories	7
Technical data and dimensions	8
Novoform frames	9
Masonry frames	10
Stud wall frames	12
Technical data	14
Sills	16
A selection of your options	17
Features and preparation	18

Also suitable for use
as a magnetic board





Good reasons to opt for Novoferm interior doors

An interior door made by Novoferm incorporates the decades of experience and expertise of one of Europe's leading system providers and brand manufacturers.

Durable - top quality steel and hard-wearing, easy-to-clean surfaces.

Secure – double-walled door leaves with soundproofing and heat insulation, reliable and tight closing.



Our products comply with the various country-specific requirements and satisfy national standards and testing regulations.

We are ISO 9001 certified and produce in line with best engineering practice – ecologically compatible aspects included.

Novoferm interior doors

Novoferm interior doors for all areas of our lives and work

Four types of Novoferm steel interior doors are available to suit your very personal taste, together with a wide choice of decorative colour coatings and wood decors.

Novoferm interior doors are well known for their versatile applications. All types are available:

- with hinges to the left or right
- with optional window cutout
- with 1 or 2 leaves
- prepared for short plates or rosette plates
- with corner or wrap-around frame on request, single or 2-part frames; other frames are available on request, e.g. block frames

Novoferm interior doors – Perfect for both new construction and renovation projects

When building a new property, the numerous options and features leave virtually nothing to be desired. Novoferm offers door elements that are ready for installation, complete with top quality, sturdy frame options made of durable hot galvanized steel.

Renovation projects also provide a welcome opportunity to replace ageing doors once and for all with Novoferm products. Just hang a new door leaf and you're done. What makes this even more advantageous: If the floor is uneven or has been covered, you can easily shorten the leaf in the lower section of the U profile.

Flexible features give you enormous scope for design

A wide range of features and exclusive accessories provide huge scope for design. Window cutouts, beautifully designed handles or top quality glazings make your interior door individually unique.

You have the choice

The design variants and versions that are available for you to choose from for your intended purpose are as numerous and diverse as your requirements.

What is more, you can obtain both complete door elements, consisting of door leaf, frame and handle, or individual door leaves and handles from Novoferm. Our overview shows you the available options.

Super-Standard interior doors

- **Door leaf:** 40 mm thick, rebate on 3 sides, made of hot galvanized sheet metal
- **Frame:** electroprimed corner frame with seal on 3 sides and complete set of hinges
- **Lock and hardware:** warded/profile cylinder lock with black round handle
- **Door surface:** galvanized



Super-Standard



Standard

Super-Plus interior doors

- Same features as Super-Standard but enhanced with:
- **Door surface:** Door surface: galvanized and primed with environmentally friendly powder coating, similar to RAL 9016, traffic white



Super-Plus



RAL 9016

The door leaf can be supplied in different colours on each side

Super-Dekor interior doors

- Same features as Super-Standard but enhanced with:
- **Door surface:** galvanized and coated with plastic foil featuring a natural-look wood decor



Super-Dekor (Natural beech)



Pear



Walnut



Cherry



Light oak



Maple



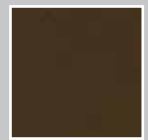
White ash

Super-Color interior doors

- Same features as Super-Standard
- Possible colours: Super-Color but enhanced with:
- **Door surface:** Door surface: galvanized and primed with environmentally friendly, textured powder coating (Standard colours and sizes available in stock, all other colours available on request)



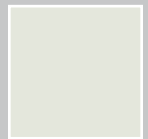
Super-Color red, similar to RAL 3002



Super-Color sepia brown, similar to RAL 8014



Super-Color green, similar to RAL 6003



Super-Color platinum white, similar to RAL 9002



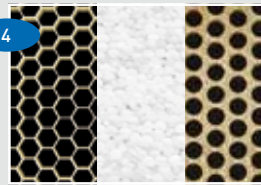
Super-Color yellow grey, similar to RAL 7034

The details that make the difference



Variable handle height
The handle height can be adjusted (850-1250 mm) to suit individual requirements, e.g. disabled access, schools, etc.

1050 mm



Honeycomb, polystyrene, tubular chip-board filling
The full-surface-bonded, close-mesh honeycomb filling ensures incomparable stability and absorbs any "tinny" knocking sounds. Optimized heat insulation and soundproofing are available in the form of polystyrene filling (U value = 1.0 W/mm²K as per DIN 52619) or classic tubular chipboard filling.

Quality design

Double-walled door leaves, 40 mm thick, rebate on 3 sides. This design not only looks good, it also makes the door outstandingly stable.



Door leaf can be shortened

The lower section of the door leaf can be shortened by up to 20 mm if the floor is uneven or new flooring has been laid.



Floor seal

An integrated floor seal that self-activates mechanically and lowers when the door is closed keeps out both cold air and noise.



Acoustic threshold seal

An integrated acoustic threshold seal that engages with a 3 mm high aluminium profile when the door closes.



Thick rebate

The top quality rebate gives the door a homely character.



Glazing

To look through or let the light in, round or square, any size and number you like. Versions include: Tempered safety glass (TSG), laminated safety glass (LSG), wire glass, Mastercarré, Masterligné or pre-assembled for on-site solutions. Glass holding strips made of aluminium, steel or wood. Further functional solutions, such as spyholes, letter slots, ventilation gratings, etc., are possible.



Handles

Novoform offers designs ranging from classical to modern, handles can be retrofitted (version: warded lock or profile cylinder)



Frame seal

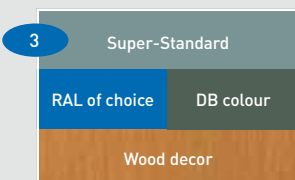
Our range of seals offers a choice of different closing pressures. They all reliably shut out draughts.



Mortar-tight hinge substructure
V8610/V8618 for plasterboard walls



Hinge and hinge pocket
Classic 2-part hinge, 3-part hinge (with hinge lock) optionally available, also available in stainless steel. Position and design of the hinge pocket comply with DIN 18111; it can therefore be easily replaced at any time. A third hinge can be ordered.



Surfaces
From Super-Standard to an RAL colour of your choice right up to wood decors.



Do you need an even wider range of options?

Window cutouts to provide more light



Super-Color with window cutout 1



Super-Color with window cutout 2



Super-Color, RAL of choice (at additional cost) with cutout 3



Super-Dekor, natural beech, with cutout 4



Super-Color with round glazing and stainless steel handle (at additional cost)

And here are the matching accessories:

Standard handle, black		Standard hardware, profile cylinder with key optional or on-site cylinder		Standard hardware with warded lock clips, profile cylinder warded lock insert with key					
									
Handle, profile cylinder, aluminium		Knob lever, profile cylinder, aluminium		WC handle, profile cylinder, aluminium					
									
Handle, with rosette		Knob lever, with rosette		WC handle, with rosette					
									
Letter slot		Ventilation grating		Door closer		Electric opener		Floor seal	
									

Interior door features and dimensions

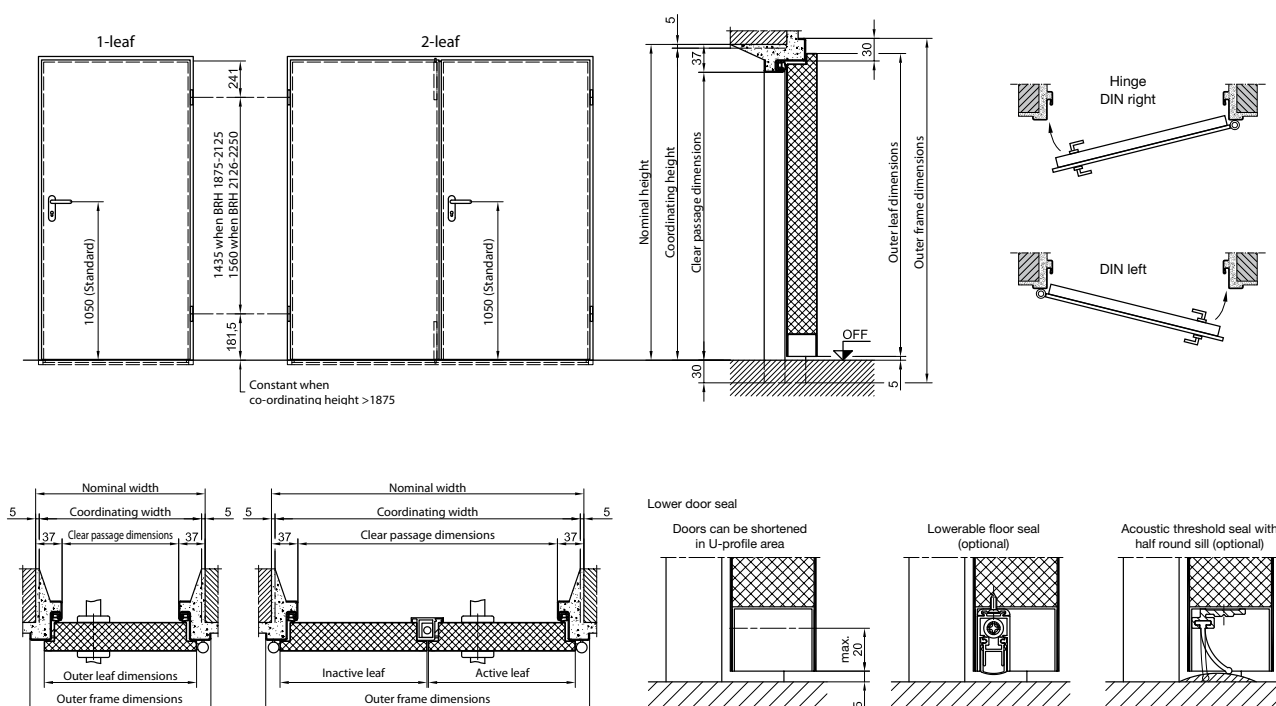
Standard sizes

	Coordinating sizes (CS) DIN 18100 (Order sizes) Width x height	Nominal sizes DIN 18100 Width x height	Clear passage dimensions DIN 18111 Width x height	Outer leaf dimensions DIN 18101 Width x height	Outer frame dimensions* for all standard frames Width x height
1-leaf	625 x 2000	635 x 2005	561 x 1968	610 x 1985	651 x 2043
	750 x 1875	760 x 1880	686 x 1843	735 x 1860	776 x 1918
	750 x 2000	760 x 2005	686 x 1968	735 x 1985	776 x 2043
	750 x 2125	760 x 2130	686 x 2093	735 x 2110	776 x 2168
	875 x 1875	885 x 1880	811 x 1843	860 x 1860	901 x 1918
	875 x 2000	885 x 2005	811 x 1968	860 x 1985	901 x 2043
	875 x 2125	885 x 2130	811 x 2093	860 x 2110	901 x 2168
	1000 x 1875	1010 x 1880	936 x 1843	985 x 1860	1026 x 1918
	1000 x 2000	1010 x 2005	936 x 1968	985 x 1985	1026 x 2043
	1000 x 2125	1010 x 2130	936 x 2093	985 x 2110	1026 x 2168
Super-Standard, Super-Plus: Special sizes available up to 1250 x 2500 mm. Super-Color and Classic: Special sizes available up to 1250 x 2250 mm. Super-Dekor: Special sizes available up to 1000 x 2125 mm. * Including floor recess 30 mm.					
2-leaf	1500 x 2000**	1510 x 2005	1436 x 1968	1485 x 1985	1526 x 2043
	1750 x 2000**	1760 x 2005	1686 x 1968	1735 x 1985	1776 x 2043
	2000 x 2000**	2010 x 2005	1936 x 1968	1985 x 1985	2026 x 2043
	2000 x 2125**	2010 x 2130	1936 x 2093	1985 x 2110	2026 x 2168
	Super-Standard, Super-Plus: Special sizes available up to 2500 x 2500 mm. Super-Color and Classic: Special sizes available up to 2500 x 2250 mm. Super Dekor: Special sizes available up to 2000 x 2125 mm. * Including floor recess 30 mm. **divided in the middle				

All dimensions in mm.

Technical details

Engineering details of our interior doors



Novoferm frames

The frame of your choice

Novoferm doesn't just offer a wide choice of frames; it also has just the right frame for any specific type of wall.

What is more, our high quality standards ensure fast installation, together with high levels of stability and durability.

Sturdy Novoferm frames outlive various generations of doors.



Diversity

Novoferm offers frames to suit any installation situation – stud walls, masonry and special conditions.



Durability

Novoferm frames are sturdy, dimensionally stable and protected against corrosion by hot galvanized thin metal sheets in accordance with EN 10142, sheet thickness 1.5 or 2.0 mm, with a top quality primer coat which provides the ideal base for a topcoat.



Dimensional accuracy

The exact profile shape and dimensional accuracy of Novoferm frames is assured by adhering to very narrow tolerance limits (EN/DIN standards / Novoferm in-house standards).



Doors, garage doors and frames directly from stock

Our new logistics centre stocks more than 1000 products, all manufactured at four production plants in Germany.



High-tech frame fabrication

1. Data are selected by barcode so mistakes are impossible
2. Products are marked by laser printer
3. Fully automated stamping process
4. Totally accurate fit



Express delivery

We can express deliver within just 4-7 days. In-stock products are designated as such.

A selection of your options

Novoferm masonry frames in 1 or 2 parts

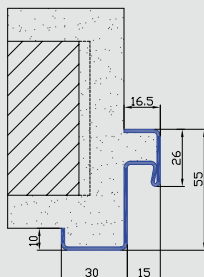
Reliably sturdy and enduring – the traditional approach to solid construction. Modern steel masonry frames made by Novoferm are just as sturdy – and a perfect fit for all doors.

Novoferm frames (as per DIN 18111) come in a range of variants and are fitted with special systems for mounting a wide variety of hinges.



Profile 21: Corner frame (EZS)

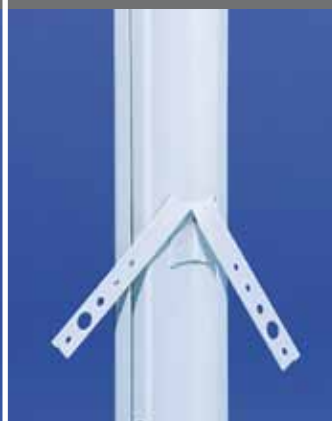
- For rebated doors
- With 30 mm floor recess
- With welded hinge pockets, mortar-tight, V8610 can be used L/R
- With 6 welded corner anchors
- Easy to install
- In-stock product



As delivered

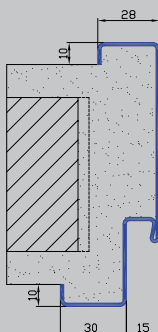


As installed



Profile 23: Wrap-around frame (UZS)

- For rebated doors
- With 30 mm floor recess
- With welded hinge pockets, mortar-tight, V 8610 can be used L/R
- Numerous possible applications
- In-stock product

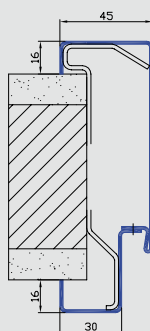


Speed anchor

- 8 anchors supplied loose
- Also available as joint anchors
- Fast, stable installation
- Technically sophisticated
- Individual positioning possible (note DIN!)

Profile 2140/1645: 2-skin frame (ZNG) for retrofitting

- For rebated doors
- Without floor recess
- With welded hinge pockets, V 8618 can be used L/R
- Fast and clean installation
- For retrofitting
- Concealed in the sealing groove
- Easy to dismantle and reuse
- Extremely stable



Fastening anchor

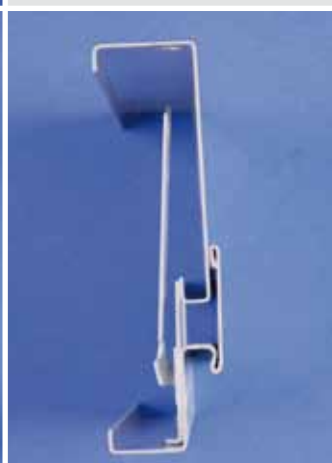
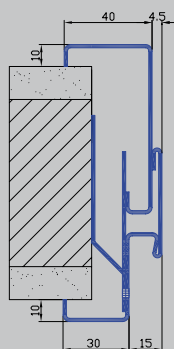
- Welded anchor for fastening the front skin
- For all wall types

Counter anchor

- For sturdy installation of the rear skin
- Securely protects against distortion of the rear skin

Profile 2150: 2-skinned frame, with opening width tolerance for masonry

- Variable opening widths -8/+10 mm
- All profile geometries possible (e. g. sliding-door frames running in front of the wall)
- With visible joint
- With corner anchors in the jamb



Novoform stud wall frames in 1 or 2 parts

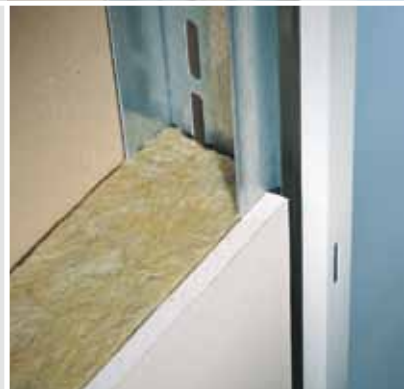
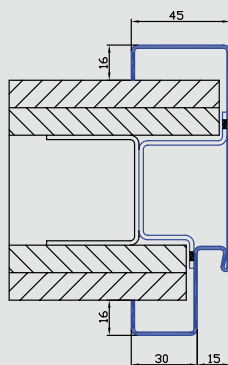
As life changes, so do our requirements in terms of living and working space. Which means we create new rooms and make continual improvements.

No problem whatsoever with Novoform stud wall frames with their unique and fast, easy installation. Novoform frames are classically strong, innovatively modern and particularly secure.



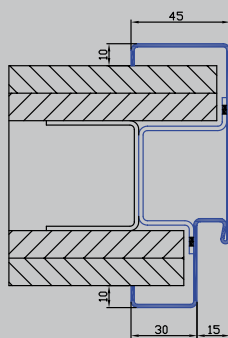
Profile 23/1645: Stud wall frame (ZGK)

- For rebated doors
- Standard version with 16 mm fold
- Without floor recess
- Hinge substructure V8618 can be used L/R
- With specially matched frame parts V8100/18 (not included in the scope of supply)
- No recess in the gypsum plasterboard
- With welded cap anchors, single or double planking possible
- In-stock product



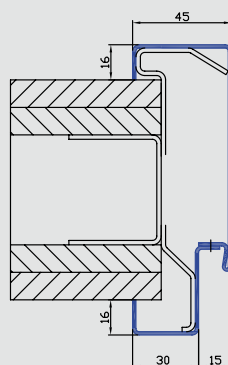
Profile 23/0045: Stud wall frame (ZGK)

- For rebated doors
- Conventional 10 mm fold, same appearance as the masonry frames
- Without floor recess
- Hinge substructure V8610 can be used L/R
- Notch required for hinge pockets and wall protection boxes
- With welded cap anchors, single or double planking possible
- In-stock product



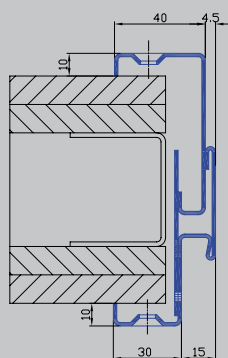
Profile 2140/1645: 2-skin frame for retrofitting

- For rebated doors, without floor recess
- Hinge substructure V8618 can be used L/R
- Fast and clean installation
- For retrofitting
- Concealed in the sealing groove
- Easy to dismantle and reuse
- Extremely stable
- In-stock product

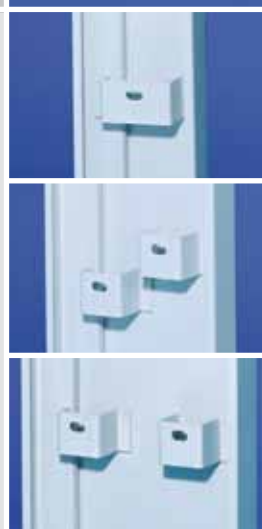
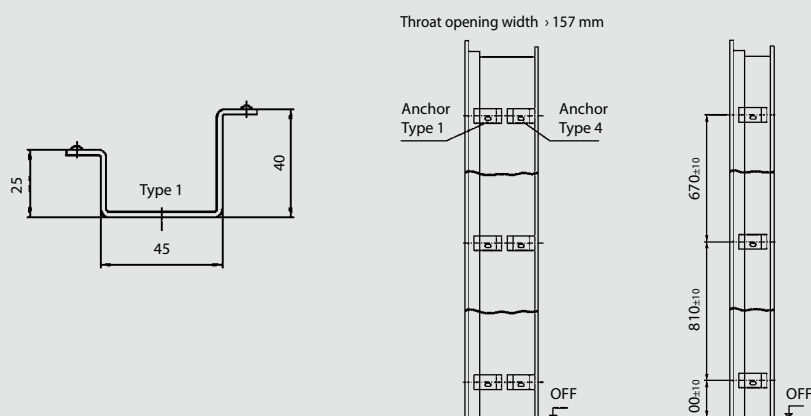


Profile 2150: 2-skinned frame, with opening width tolerance for stud walls

- Variable opening widths -8/+10 mm
- All profile geometries are possible
- With visible joint
- Dowel mounted in the frame facing



Anchor for stud walls



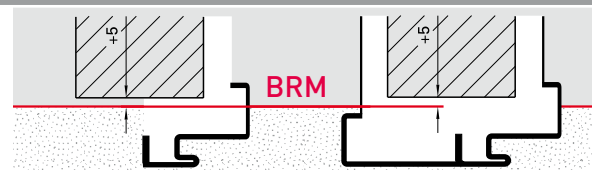
Stirrup anchor

- Standard sizes single row
- Larger opening widths, arranged offset in two rows or next to each other

Technical data

Frames for masonry and concrete

- 1) Coordinating sizes and allocated dimensions are not included in DIN 18111
 2) Standard only for corner frames
 3) Not an in-stock product



Dimension table for Novoferm steel frames

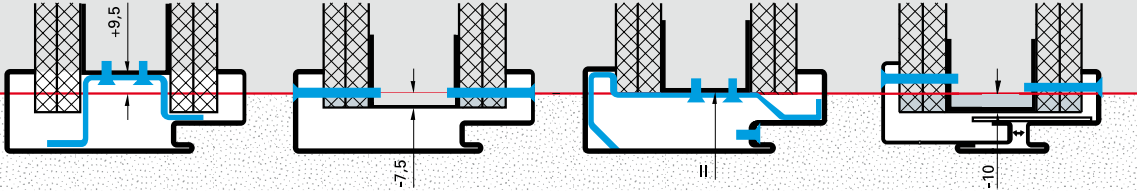
Coordinating sizes (see DIN 18100)	Frame rebate dimensions (see DIN 18111)	Clear frame passage dimensions (see DIN 18111)	Nominal size of the wall opening Bare shell dimensions (RBM)	Nominal size of the wall opening Bare shell dimensions (RBM)
Width x height 750 x 1875 ^{1), 2)} 875 x 1875 ²⁾ 1000 x 1875 ^{1), 2)} 625 x 2000 750 x 2000 875 x 2000 1000 x 2000 625 x 2125 ¹⁾ 750 x 2125 875 x 2125 1000 x 2125 1125 x 2125 ^{1), 3)} 1250 x 2125 ^{1), 3)}	Width x height 716 x 1858 841 x 1858 966 x 1858 591 x 1983 716 x 1983 841 x 1983 966 x 1983 591 x 2108 716 x 2108 841 x 2108 966 x 2108 1091 x 2108 1216 x 2108	Width x height 686 x 1843 811 x 1843 936 x 1843 561 x 1968 686 x 1968 811 x 1968 936 x 1968 561 x 2093 686 x 2093 811 x 2093 936 x 2093 1061 x 2093 1188 x 2093	Width x height 760 x 1880 885 x 1880 1010 x 1880 635 x 2005 760 x 2005 885 x 2005 1010 x 2005 635 x 2130 760 x 2130 885 x 2130 1010 x 2130 1135 x 2130 1260 x 2130	Width x height 760 x 1880 885 x 1880 1010 x 1880 635 x 2005 760 x 2005 885 x 2005 1010 x 2005 635 x 2130 760 x 2130 885 x 2130 1010 x 2130 1135 x 2130 1260 x 2130

Hinge reference lines for rebate dimensions 1858-2108: 241 mm + 1435 mm as per DIN 18268

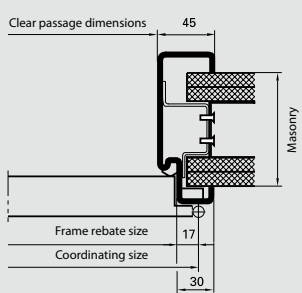
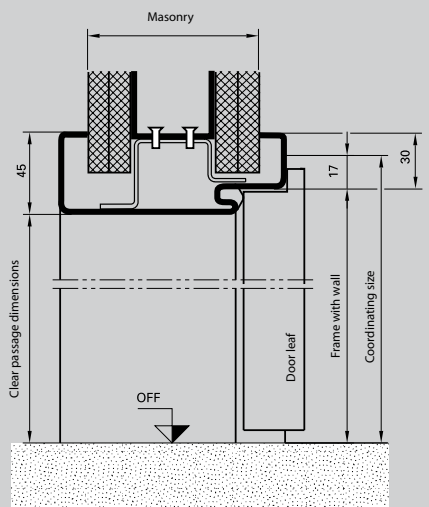
Masonry frames

Opening widths	Vertical section Frame with header	Horizontal section Frame with wall Masonry																																							
<table border="1"> <thead> <tr> <th colspan="3">Opening widths</th></tr> <tr> <th></th><th>for masonry</th><th>for gypsum walls</th></tr> </thead> <tbody> <tr><td>80</td><td>•</td><td>•</td></tr> <tr><td>90</td><td>•</td><td>—</td></tr> <tr><td>100</td><td>•</td><td>•</td></tr> <tr><td>130</td><td>•</td><td>—</td></tr> <tr><td>145</td><td>•</td><td>—</td></tr> <tr><td>160</td><td>•</td><td>—</td></tr> <tr><td>175</td><td>•</td><td>—</td></tr> <tr><td>205</td><td>•</td><td>—</td></tr> <tr><td>270</td><td>•</td><td>—</td></tr> <tr><td>290</td><td>•</td><td>—</td></tr> <tr><td>330</td><td>•</td><td>—</td></tr> </tbody> </table>	Opening widths				for masonry	for gypsum walls	80	•	•	90	•	—	100	•	•	130	•	—	145	•	—	160	•	—	175	•	—	205	•	—	270	•	—	290	•	—	330	•	—		
Opening widths																																									
	for masonry	for gypsum walls																																							
80	•	•																																							
90	•	—																																							
100	•	•																																							
130	•	—																																							
145	•	—																																							
160	•	—																																							
175	•	—																																							
205	•	—																																							
270	•	—																																							
290	•	—																																							
330	•	—																																							

Frames for dry mortarless construction

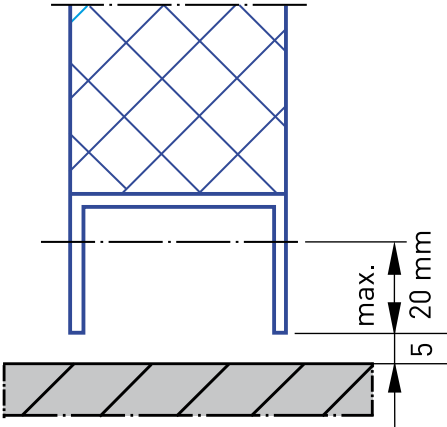
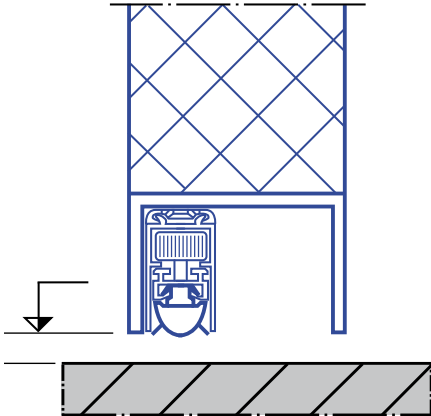
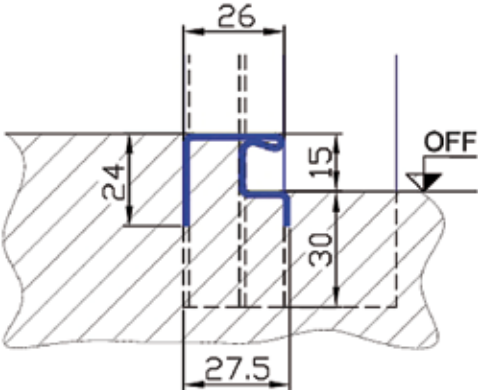
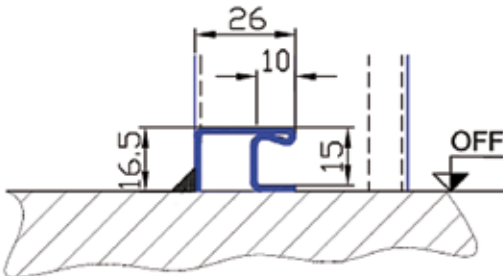
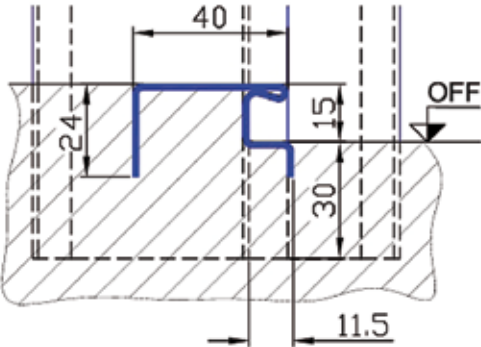
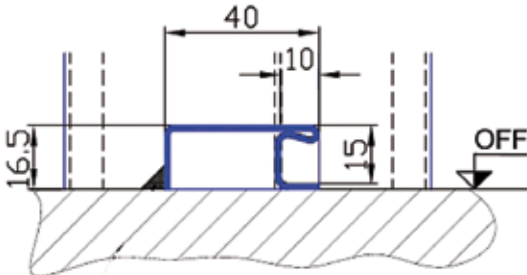
				
Standard frames for stud walls, profile 23/1645	3-part disassembled frame, profile 23/1645	2-part screwed in the groove, profile 2140/1645	2-part with joint, profile 2150/0045	
Please note anchor position! Installation during wall construction	Specified wall opening dimensions	Specified wall opening dimensions (= coordinating size)	Specified wall opening dimensions	Outer leaf dimensions (type dimensions, see DIN 18101)
Width x height 769 x 1885 894 x 1885 1019 x 1885 644 x 2010 769 x 2010 894 x 2010 1019 x 2010 644 x 2135 769 x 2135 894 x 2135 1019 x 2135 1144 x 2135 1269 x 2135	Width x height 735 x 1870 860 x 1870 985 x 1870 610 x 1995 735 x 1995 860 x 1995 985 x 1995 610 x 2120 735 x 2120 860 x 2120 985 x 2120 1110 x 2120 1235 x 2120	Width x height 750 x 1875 875 x 1875 1000 x 1875 625 x 2000 750 x 2000 875 x 2000 1000 x 2000 625 x 2125 750 x 2125 875 x 2125 1000 x 2125 1125 x 2125 1250 x 2125	Width x height 730 x 1865 855 x 1865 980 x 1865 605 x 1990 730 x 1990 855 x 1990 980 x 1990 605 x 2115 730 x 2115 855 x 2115 980 x 2115 1105 x 2115 1230 x 2115	Width x height 735 x 1860 860 x 1860 985 x 1860 610 x 1985 735 x 1985 860 x 1985 985 x 1985 610 x 2110 735 x 2110 860 x 2110 985 x 2110 1110 x 2110 1235 x 2110
No anchor in the headpiece				

Stud wall frames

Horizontal section	Vertical section	Opening widths						
Frame with wall Masonry	Frame with header							
		<table><tr><th>Opening widths</th></tr><tr><td>for Novoferm standard frames (stud walls)</td></tr><tr><td>75</td></tr><tr><td>100</td></tr><tr><td>125</td></tr><tr><td>150</td></tr></table>	Opening widths	for Novoferm standard frames (stud walls)	75	100	125	150
Opening widths								
for Novoferm standard frames (stud walls)								
75								
100								
125								
150								

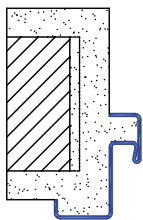
*Anchor in the headpiece only for widths > 1360 mm

Sills

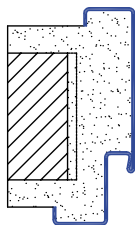
<p>Doors can be shortened in U-profile area</p> 	<p>Lowerable floor seal</p> 
<p>BE-1 sill for corner frames with floor recess</p> 	<p>BE-2 sill for corner frames without floor recess</p> 
<p>BU-1 sill for wrap-around frames with floor recess</p> 	<p>BU-2 sill for wrap-around frames without floor recess</p> 

A selection of your options ...

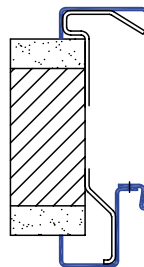
Standard profiles for masonry walls



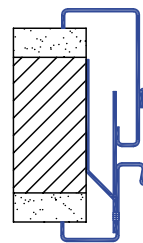
Corner frame



Wrap-around frame

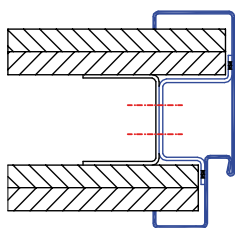


2-part frame for
all wall types

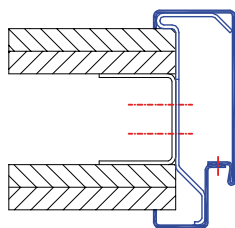


2-part frame with
opening width tolerance

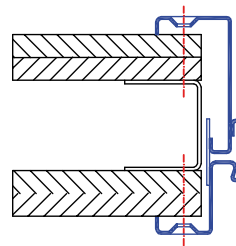
Standard profiles for stud walls



Plasterboard stud wall frame
bolted onto stirrup anchors

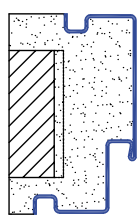


2-part wrap-around frame bolted in the
jamb (suitable for all wall types)

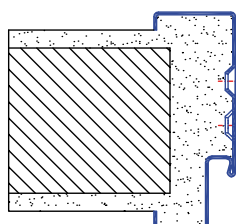


2-part wrap-around frame with
opening width tolerance, bolted
through the frame facing

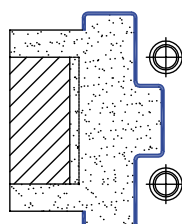
Further solutions



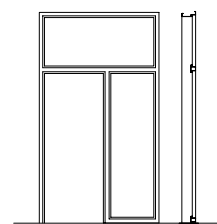
Wrap-around frame
with shade groove



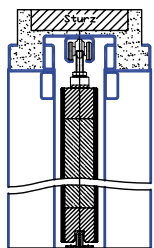
Wrap-around frame with
dowel hole punched in the
jamb



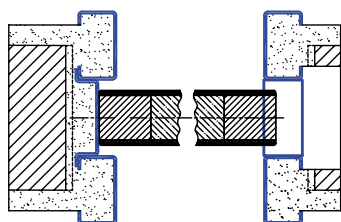
Swing door frame



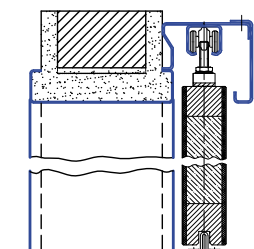
Steel frame with fixed
transom window and
side part



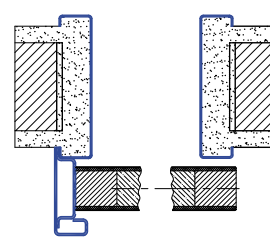
Sliding door frame,
running in the wall
(vertical section)



Sliding door frame,
running in the wall
(horizontal section)



Sliding door frame,
running in front of the
wall (vertical section)



Sliding door frame, run-
ning in front of the wall
(horizontal section)

Perfect frame design

Flat steel frame for
insulation glazing

or

Glass holding strips
made of aluminium

or

Galvanized glass holding
strips

Connecting corners
made of stainless steel

Optional preparation
for magnetic contact

Optional preparation for closer
with slide channel technology:

Hinged bracket mechanism
or inside door closer

Optional frame geometries:

Butted or rebated

Optional preparations in the lock hole area:

Electric opener

Assortment of closing edge plates

Stainless steel closing edge plate

Lock hole reinforcement

Multiple locking system

Latch adjustment

Optional modern frame facing
contours:

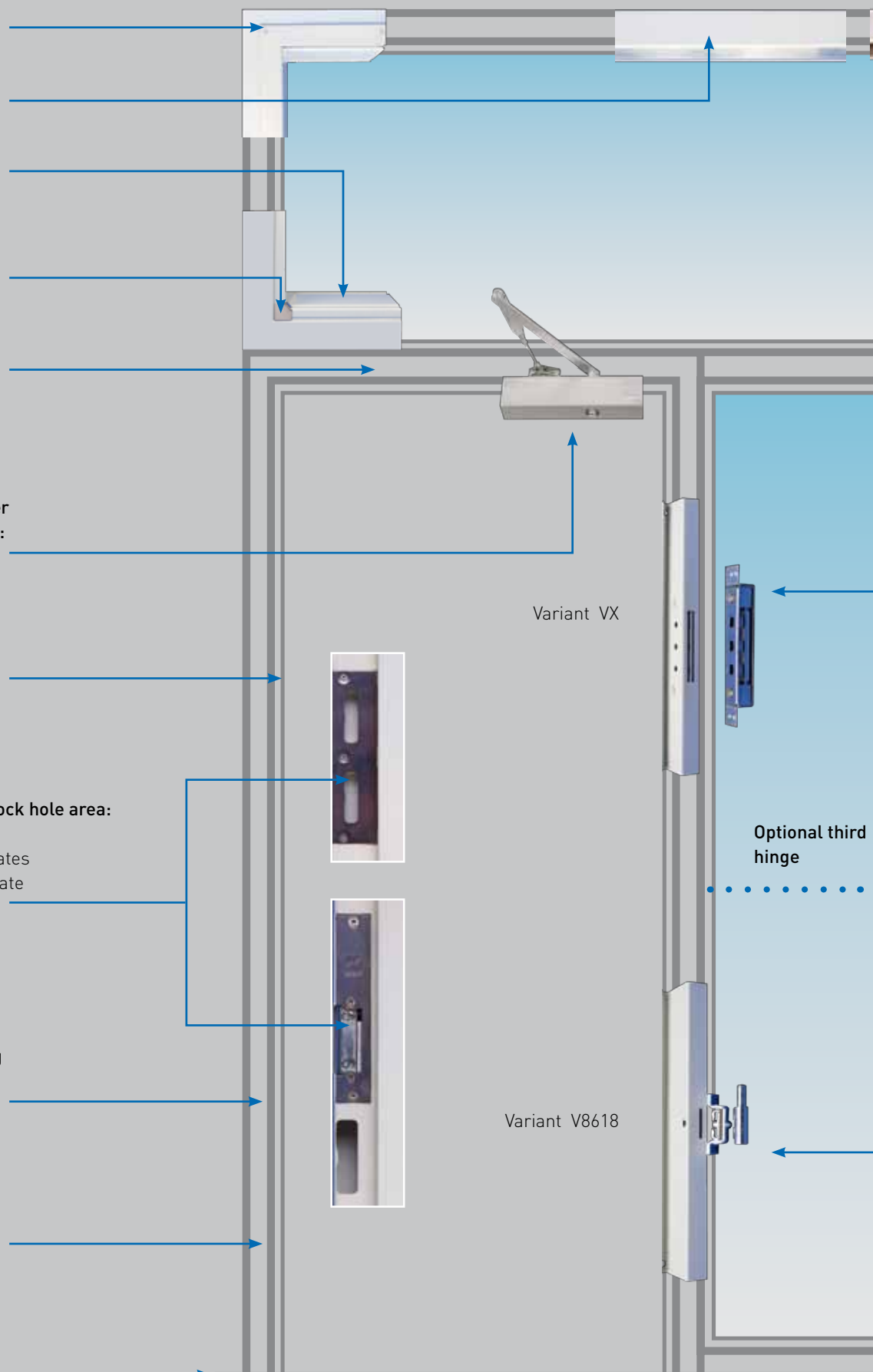
Shade groove

Radius

or without fold, etc.

Frame facing width extension
possible

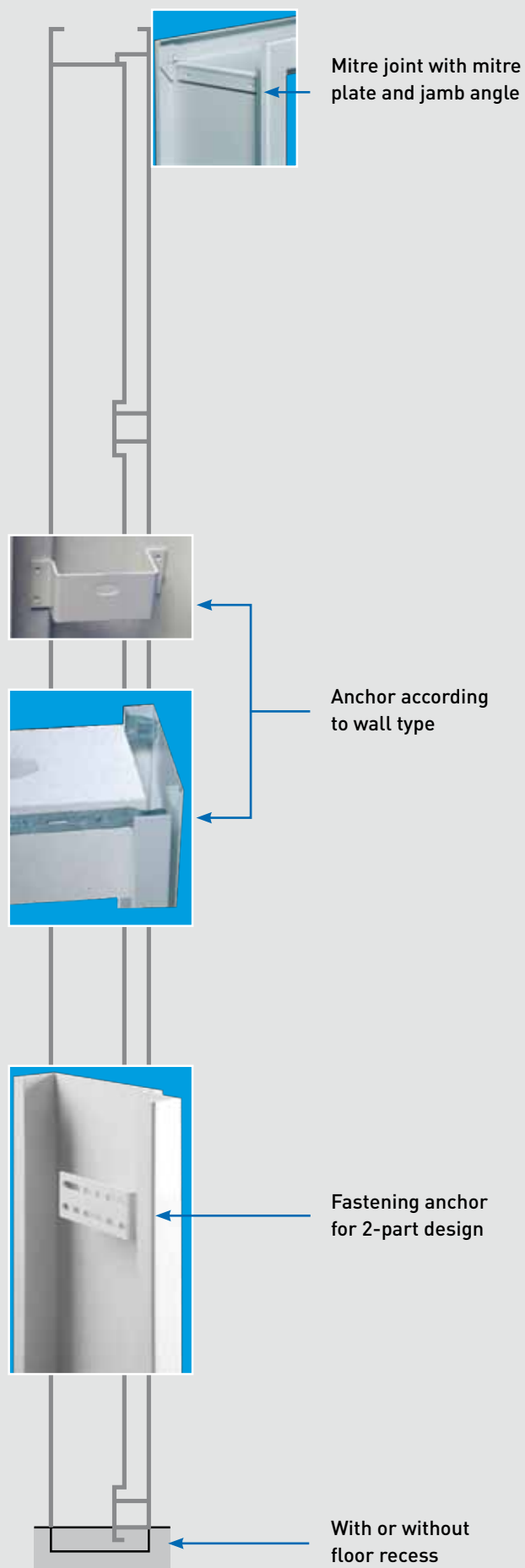
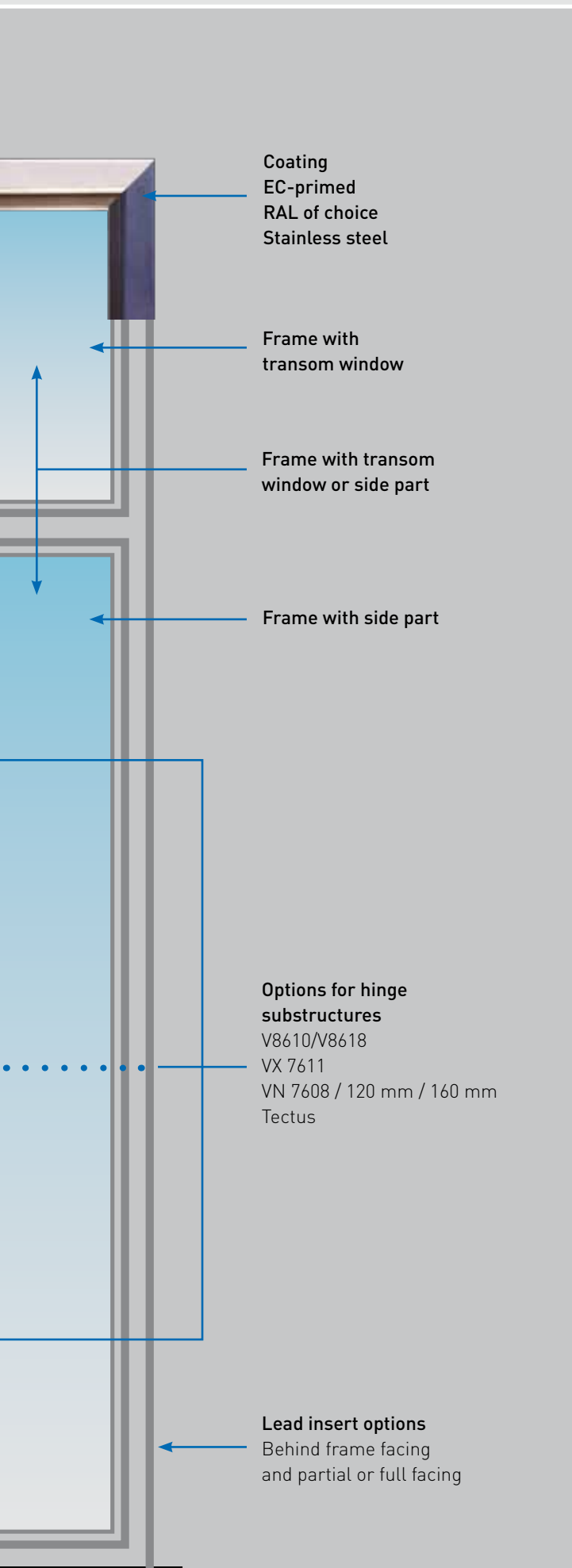
Various floor sills
possible



Variant VX

Variant V8618

Optional third
hinge



Further details can be found in our catalogues:



Order a catalogue free of charge by calling
+49 (0) 28 50 910-0 or sending an e-mail to
sales@novoferm.com.

Or simply leaf through our catalogues online
at your convenience: www.novoferm.com.

Novoferm. On-site. Direct. Europe-wide.

Novoferm Group is one of Europe's leading system suppliers of doors, garage doors, frames and operators. We offer a large range of products and services for private, commercial and industrial applications. All our products are manufactured to the highest quality standards and reflect best engineering practice. We combine maximum functionality with innovative design. We manufacture our products in various international locations and with our Europe-wide network we are always available to help you – wherever you are!

Your Novoferm sales partner

Novoferm GmbH
Schüttensteiner Str. 26
D-46419 Isselburg
Tel.: (0 28 50) 9 10-0
Fax: (0 28 50) 9 10-6 50
E-Mail: sales@novoferm.com
www.novoferm.com

