



 **SIMONSWERK**

**VARIANT® Planum**

The Heavy-Duty Hinge for  
Architectural Harmony.

# VARIANT PLANUM

## THE HEAVY-DUTY HINGE FOR ARCHITECTURAL HARMONY

### Architectural elegance with modern design symmetry

The new-developed VARIANT "Planum" hinge system reflects modern architectural design expressed by the minimalist shape of a solid filigree hinge with diameter-reduced knuckle.

Adapted for the installation of doors within the project sector the 15mm knuckle Planum hinge is ideal for slim, recessed frame facings and shadow gap constructions. Focusing on supporting architectural ambitions for straight-lined structures that reflect design harmony in working and living rooms this high quality individually designed hinge is even emphasized by its functional features.

The heavy-duty VARIANT Planum reduced size filigree hinges are of strong construction, maintenance-free, carry load capacities of up to 160 kgs and offer outstanding operating characteristics. Moreover they are CE-certified and suitable for fire and smoke resistant doors.

Planum - Architectural elegance with modern design symmetry - from experts to experts.

# P L

## HEAVY-DUTY DOOR

rebated

**VX 7939/160 Planum**

unrebated

**VX 7729/160 Planum**

unrebated using UK 3D

**VN 2927/160 Planum**



VX 7939/160 Planum

**VARIANT® Planum – filigree, solid  
15 mm hinge knuckle**

# PLANUM

VN 2927/160 Planum

BBL

TZ



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## VX 7939/160 Planum

with filigree knuckle for rebated heavy-duty doors

### Technical Details

Load capacity	160.0 kg
Knuckle length	160.0 mm
Knuckle diameter	15.0 mm

### Descriptive Text

SIMONSWERK VARIANT heavy-duty hinge VX 7939/160 Planum with reduced, filigree knuckle for rebated doors with timber, steel or aluminium frames with three-dimensionally adjustable SIMONSWERK receivers VARIANT VX. CE-certified, load capacity 160 kg, knuckle length 160 mm, knuckle diameter 15 mm, right hand and left hand applicable. Internal, fixed hinge pin, concealed, maintenance-free axial-radial slide bearings. Finish...

### Combination

Receiver	block frame	VX 2501 3D, VX 7501 3D
	casing frame	VX 2502 3D, VX 7502 3D
	blind frame	VX 2505 3D, VX 7505 3D
	steel frame	VX 7611 3D, VX 7612 3D
	aluminium frame	VX 7521 3D

### Finish(es)

satin chromed/F1, stainless steel satin brushed

### Note

VARIANT® Planum Hinges are suitable for smoke and fire resistant doors according to CE marking regulations.

### Quality Marks



# INNOVAT

## VX 7729/160 Planum

with filigree knuckle for unrebated heavy-duty doors

### Technical Details

Load capacity	160.0 kg
Knuckle length	160.0 mm
Knuckle diameter	15.0 mm

### Descriptive Text

SIMONSWERK VARIANT heavy-duty hinge VX 7729/160 Planum with reduced, filigree knuckle for unrebated doors with timber, steel or aluminium frames with three-dimensionally adjustable SIMONSWERK receivers VARIANT VX. CE-certified, load capacity 160 kg, knuckle length 160 mm, knuckle diameter 15 mm, right hand and left hand applicable. Internal, fixed hinge pin, concealed, maintenance-free axial-radial slide bearings. Finish...

### Combination

Receiver	block frame	VX 2501 3D, VX 7501 3D
	casing frame	VX 2502 3D, VX 7502 3D
	blind frame	VX 2505 3D, VX 7505 3D
	steel frame	VX 7611 3D, VX 7612 3D
	aluminium frame	VX 7521 3D

### Finish(es)

satin chromed/F1, stainless steel satin brushed

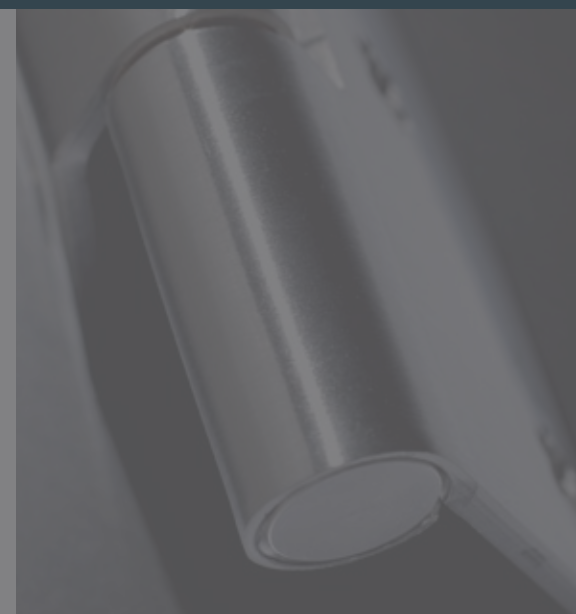
### Note

VARIANT® Planum Hinges are suitable for smoke and fire resistant doors according to CE marking regulations.

### Quality Marks



# LIVE



# SIMONSWERK VARIANT® VN

## VN 2927/160 Planum

with filigree knuckle for unrebated heavy-duty doors with block frames

### Technical Details

Load capacity	160.0 kg
Knuckle length	160.0 mm
Knuckle diameter	15.0 mm

### Descriptive Text

SIMONSWERK heavy-duty hinge VARIANT VN 2927/160 Planum with reduced, filigree knuckle for unrebated doors with block frames with three-dimensionally adjustable SIMONSWERK receiver UK 3D. CE-certified, load capacity 160 kg, knuckle length 160 mm, knuckle diameter 15 mm, right hand and left hand applicable. Internal, fixed hinge pin, concealed, maintenance-free axial-radial slide bearings. Finish...

### Combination

Receiver	GLOBUS UK 3D GLOBUS UK 3D T30
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### Finish(es)

satin chromed/F1, stainless steel satin brushed

### Note

VARIANT® Planum Hinges are suitable for smoke and fire resistant doors according to CE marking regulations.

### Quality Marks



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# RECEIVER

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## GLOBUS UK 3D

for unrebated timber doors

### Descriptive Text

SIMONSWERK receiver UK 3D in door leaf for unrebated timber doors with SIMONSWERK heavy-duty hinge VARIANT VN 2927/160 Planum. Three-dimensionally continuously adjustable: Side +/- 3 mm, height +/- 2.5 mm, compression +/- 1 mm. Finish...

### Combination

Heavy-duty hinge

VN 2927/160 Planum

### Finish(es)

galvanized, nickelled, satin-chromed/F1

### Quality Marks



# ELEGANT

## CONTAINS

 **SIMONSWERK**  
VARIANT®

VX 7939/160 Planum  
VX 7729/160 Planum  
VN 2927/160 Planum

## FURTHER BRANDS MADE BY SIMONSWERK

 **SIMONSWERK**  
TECTUS®

 **SIMONSWERK**  
VARIANT® VX

 **SIMONSWERK**  
VARIANT® VN

 **SIMONSWERK**  
VARIANT® VG

VARIANT® Planum

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