KÖMMERLING®

O70 French Door
28mm Double Glazing

THIS CAN ACHIEVE
1.2 W/(m²K) U_{window}

Approved Document L 2021 Edition *(Building Regulations for Dwelling)*

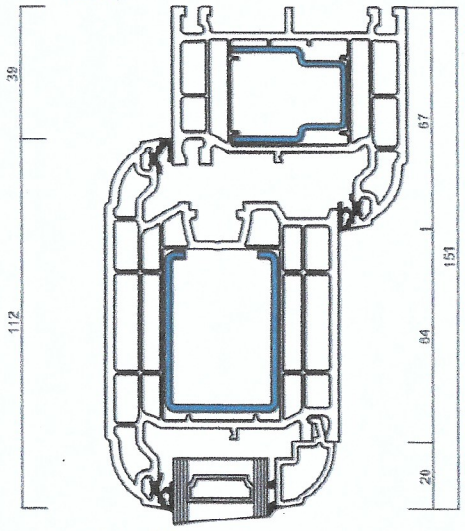
Replacement
Limiting U-Values = 1.4 W/(m²K)

New Build
Limiting U-Values = 1.6 W/(m²K)
Notional Specification = 1.2 W/(m²K)

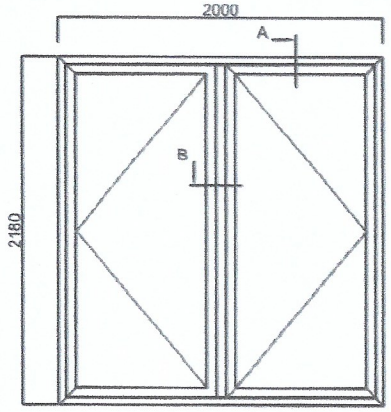
Glass Scheme	Glass Centre Pane	Window U-Value
4 / 20 / 4	1.219 W/(m²k)	1.3 W/(m²k)
6.8 Lami / 18 / 4	1.204 W/(m²k)	1.3 W/(m²k)
4 / 20 / 4	1.070 W/(m²k)	1.2 W/(m²k)
6.8 Lami / 18 / 4	1.055 W/(m²k)	1.2 W/(m²k)

Cross Section A

Art No: 2901
Reinf 677

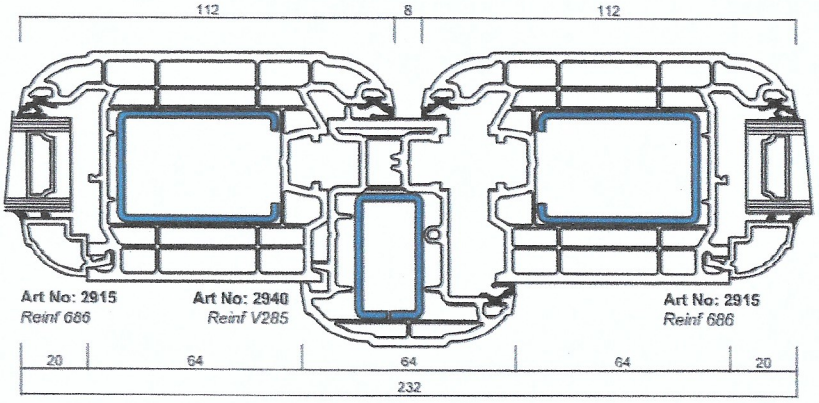


Art No: 2915
Reinf 686



Galvanised Steel

Cross Section B



Art No: 2915 *Reinf 686*
Art No: 2940 *Reinf V285*
Art No: 2915 *Reinf 686*

28mm Bead Options



Art No: 1932 Art No: 096-04

Simulations in accordance with BS EN ISO 10077-2:2017,
performed with Winlso® 2.7.6 Using the radiosity approach to cavity modelling

Argon gas. SWISSPACER ULTIMATE spacer bar & Polysulphide secondary sealant used in all scenarios.

KÖMMERLING®

C70 Flush Sash

28mm Double Glazing - Fully Reinforced

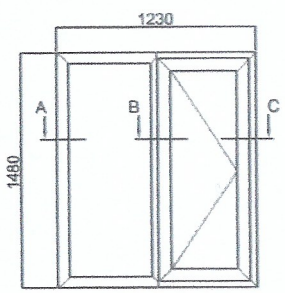
THIS CAN ACHIEVE
1.3 W/(m²K) U_{window}

Approved Document L 2021 Edition *(Building Regulations for Dwelling)*

Replacement
Limiting U-Values = 1.4 W/(m²K)

New Build
Limiting U-Values = 1.6 W/(m²K)
Notional Specification = 1.2 W/(m²K)

Glass Scheme	Glass Centre Pane	Window U-Value
4 / 20 / 4	1.219 W/(m²k)	1.4 W/(m²k)
6.8 Lami / 18 / 4	1.204 W/(m²k)	1.4 W/(m²k)
4 / 20 / 4	1.070 W/(m²k)	1.3 W/(m²k)
6.8 Lami / 18 / 4	1.055 W/(m²k)	1.3 W/(m²k)



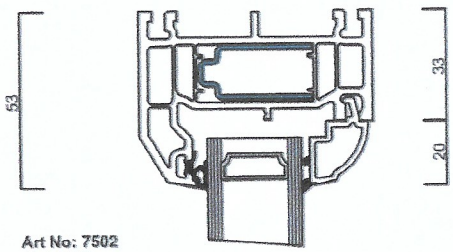
Galvanised Steel

28mm Bead Options



Art No: 1932 Art No: 096-04

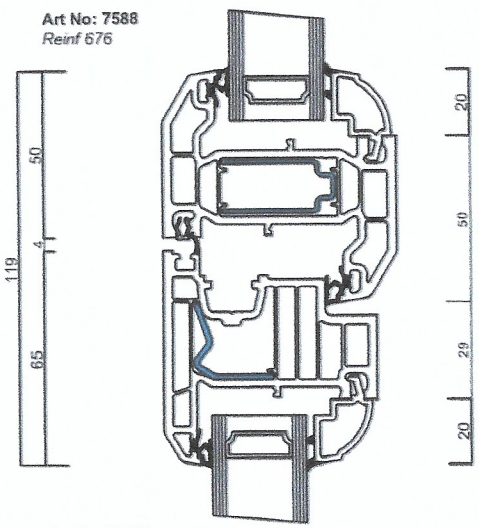
Cross Section A



Art No: 7502
Reinf 676

Cross Section B

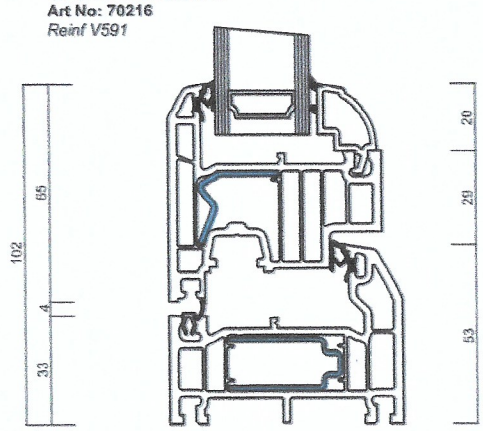
Art No: 7588
Reinf 676



Art No: 70216
Reinf V591

Cross Section C

Art No: 70216
Reinf V591



Art No: 7502
Reinf 676

Simulations in accordance with BS EN ISO 10077-2:2017.
performed with Winlso® 2.7.6 Using the radiosity approach to cavity modelling
Argon gas. SWISSPACER ULTIMATE spacer bar & Polysulphide secondary sealant used in all scenarios.

KÖMMERLING®

C70 Flush Sash with Large Outerframe
28mm Double Glazing - Standard

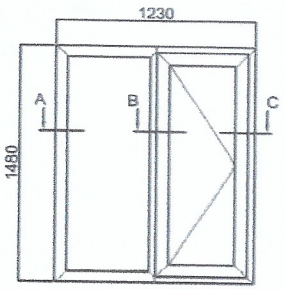
THIS CAN ACHIEVE
1.2 W/(m²K) U_{window}

Approved Document L 2021 Edition *(Building Regulations for Dwelling)*

Replacement
Limiting U-Values = 1.4 W/(m²K)

New Build
Limiting U-Values = 1.6 W/(m²K)
Notional Specification = 1.2 W/(m²K)

Glass Scheme	Glass Centre Pane	Window U-Value
4 / 20 / 4	1.219 W/(m²k)	1.3 W/(m²k)
6.8 Lami / 18 / 4	1.204 W/(m²k)	1.3 W/(m²k)
4 / 20 / 4	1.070 W/(m²k)	1.2 W/(m²k)
6.8 Lami / 18 / 4	1.055 W/(m²k)	1.2 W/(m²k)



Galvanised Steel

28mm Bead Options

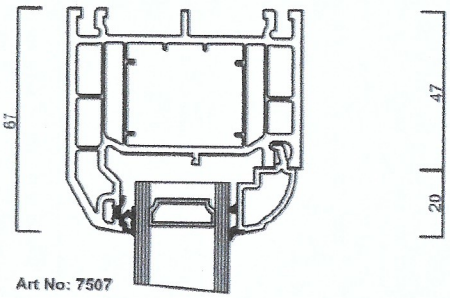


Art No: 1932



Art No: 096-04

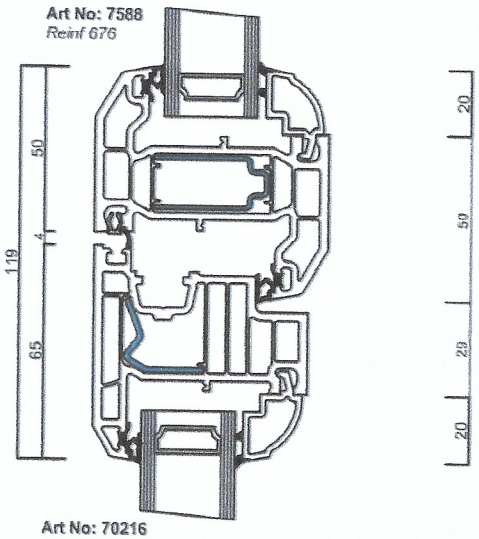
Cross Section A



Art No: 7507

Cross Section B

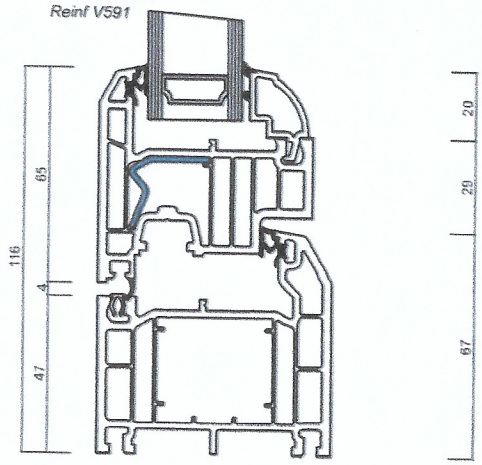
Art No: 7588
Reinf 676



Art No: 70216
Reinf V591

Cross Section C

Art No: 70216
Reinf V591



Art No: 7507

Simulations in accordance with BS EN ISO 10077-2:2017,
performed with Winlsol® 2.7.6 Using the radiosity approach to cavity modelling
Argon gas, SWISSPACER ULTIMATE spacer bar & Polysulphide secondary sealant used in all scenarios.