

Roto Glas-Tec

Customised solutions for
safe glazing

Catalogue for
glazing packers and accessories



german made

german made
What is that?



Roto Frank AG, with headquarters in Leinfelden-Echterdingen near Stuttgart, is a German company group. Roto has grown – organically and consistently to become a large, reputable company.

Our common values represent an identity that has enabled Roto, as a German company, to become a service leader.

The value structure of our company is based on three pillars:

- Continuity, results and reliability
- Experience, ambition to succeed and vision
- Knowledge, ability and German engineering skills

As a technological pacesetter, Roto develops intelligent product solutions that impress with their precise technology and long service lives.

Production and environmental management as well as logistics, irrespective of the manufacturing country, are based on German values such as reliability, thoroughness and vision.

German precision in design and development, quality and process management ensure the provision of high-quality performances and services. Worldwide.

The consistent implementation of German values in the quality specifications and standards ensures that our partners and customers place their trust in us. This is "german made".

Glazing packers and accessories.....	6
The extensive glazing and installation programme	6
Pressure deformation behaviour of glazing packers.....	7
Test results	7
Glazing packer	8
GLAS-TEC GL-SV	8
GLAS-TEC GL-NM WITH STRIP	10
GLAS-TEC GL-B	12
GLAS-TEC GL-IB	14
GLAS-TEC GL-UK.....	16
GLAS-TEC GL-UKS	17
Compensating block	18
GLAS-TEC GFE	18
EUROKLICK Packer plate system.....	20
DISKOKLICK Packer plate system.....	23
Adjustment and installation wedges	26
Water slot caps.....	28
Balcony door handles.....	29
Accessories	31
Dowel plugs.....	31
Universal access key/Glazing tools	32
Run-up blocks/rebate clearance restrictors	33

Roto

Window and Door Technology



Production plant in Leinfelden-Echterdingen, Germany – Roto group headquarters.

Production companies



Roto Frank Austria GmbH
Kalsdorf (AUT)



Roto Fasco Canada Inc.
Mississauga, Ontario (CAN)



Roto Frank
Building Materials Co. Ltd.
Beijing (CN)



Roto Frank AG
Leinfelden-Echterdingen (GER)



Roto Frank AG
Velbert production plant (GER)



Roto Elzett Certa Kft.
Lövö (HUN)



Elzett Sopron Kft.
Sopron (HUN)
(50%)



ООО Roto Frank
Moscow (RUS)



Roto Frank of America Inc.
Chester, Ct. (USA)

Sales subsidiaries / Sales partners



Entrance area of the Leinfelden-Echterdingen production plant

The Roto group of companies – leading the way for over 75 years

Only a few brands in the construction world can look back at a similar success story, and only a few are at the forefront over decades. Roto is one of the leading manufacturers of window and door technology worldwide and a major supplier of roof and solar technology.

Our history begins, as in the case of many successful companies, with the name of a personality: Wilhelm Frank. He became a pioneer with his ideas; the first industrially-produced Tilt&Turn hardware in 1935. Our company founder was a classic Swabian inventor. Under his direction and that of his immediate successors, Roto developed with its headquarters in Leinfelden-Echterdingen (Stuttgart), from being a one man operation to an international group of companies.

Over 4000 employees around the globe work on the task of recognising customers' needs early on and developing products to enhance the increased value of windows and doors for mankind.

Creating inner – and with it permanent – values is our utmost objective. The unique modular system 'Roto NT' for windows and balcony doors best depicts this with its ten-year performance warranty. 100 million sets of hardware sold since its market launch in the year 2000 clearly demonstrates why Roto has earned the first place worldwide.

A state of the art cross linked network of nine production plants worldwide warrants a high level of flexibility, productivity and supply security. With our international distribution network consisting of over 40 own subsidiaries, representations and trading partners, we ensure that we are always close to our customers. Both the customers and Roto benefit equally from the continuous close dialogue with planning engineers, dealers and window & door fabricators.

Glazing packers and accessories

The extensive glazing and installation programme



Quality note

Roto glazing packers are tested for their compatibility following guidelines by the Rosenheim fenestration-technology institute according to the directive VE-05/01 "Proof of the compatibility of glazing packers". Test certificates can be requested from Roto at any time. Our glazing packers ensure that your glazing is stored securely and permanently.

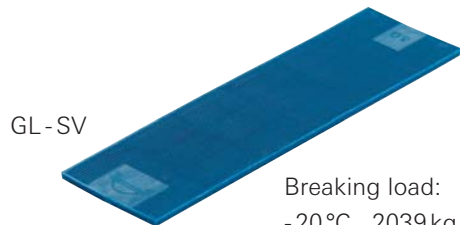
Technical regulations

- Technical Guidelines of the Glazing Trade
Publisher:
The Federal Association of Glazier Trades
An der Glasfachschule 6
65589 Hadamar
Germany
Phone: +49 (0) 64 33/91 33 0
- Manufacturers' guidelines from insulation glazing manufacturers and profile system manufacturers
- Recognised test institutes
- ATV DIN 18361 Glazing work
- Technical regulations for the use of glazing with linear support on all sides, German Institute for Building Technology, Berlin

Detailed information on the correct usage of glazing packers can be found in
Roto's Glazing Guide
and at www.roto-frank.com

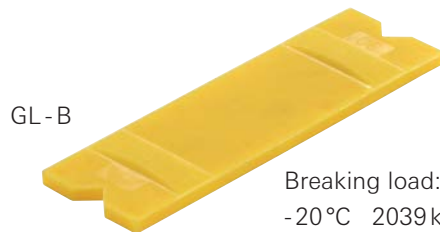
Pressure deformation behaviour of glazing packers

Test results



GL-SV

Breaking load:
 -20 °C 2039 kg
 +23 °C 1223 kg
 +80 °C 336 kg



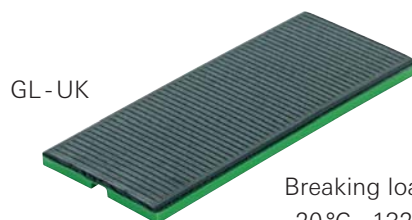
GL-B

Breaking load:
 -20 °C 2039 kg
 +23 °C 1376 kg
 +80 °C 398 kg



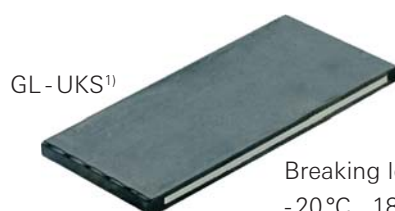
GL-IB

Breaking load:
 -20 °C 2039 kg
 +23 °C 1223 kg
 +80 °C 377 kg



GL-UK

Breaking load:
 -20 °C 1325 kg
 +23 °C 917 kg
 +80 °C 306 kg



GL-UKS¹⁾

Breaking load:
 -20 °C 1806 kg
 +23 °C 890 kg
 +80 °C 902 kg

Procedure:

To determine the pressure deformation behaviour, the glazing packers were loaded vertically to the surface up to the defined limit values:

The limit values have been defined with 5 N/mm² (≈ 306 kg)

15 N/mm² (≈ 917 kg)

or as plastic deformation.

The force at the transition from elastic to plastic deformation was defined as the breaking load.

Test:

The tests were conducted at the following temperatures: +23 °C, +80 °C and -20 °C, with equal feed speeds of 1 mm/min.

Test setup:

The glazing packers were laid on a flat steel surface and loaded with a steel sword with a width of 6 mm over the entire packer length of 100 mm.

Summary:

In the above-mentioned tests, the shown glazing packers achieved the following results.



The TR3 "Packing of Glazing Units", Chapter 4.2, requires a permissible surface pressure of at least 5 N/mm² (≈ 306 kg) for "sufficiently pressure-resistant glazing packers". In the tests conducted, no lasting deformations were determined on the glazing packer for the specified load.

Test Reports No. 50938119/1-5 of the ift window technology institute in Rosenheim, Germany are available.

1) As it was not possible to plastically deform the GL-UKS due to its design, a maximum deformation of 2 mm was defined.

Glazing packer GLAS-TEC GL-SV



	1 mm
	2 mm
	3 mm
	4 mm
	5 mm
	6 mm

For standard glazings

- High load-bearing capacity due to reinforced profile leg system
- Compatible with numerous edge seal compounds for insulating glass
- Resistant to ageing
- Temperature resistant

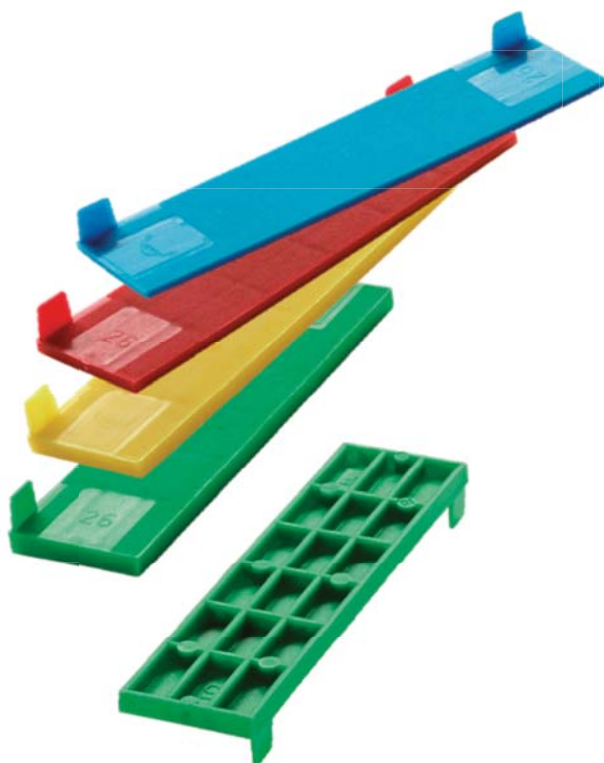
GLAS-TEC GL-SV

Dimension	Colour	Pack. unit	Material no.
100 x 20 x 1	White	1000 pieces	538328
100 x 20 x 2	Blue	1000 pieces	538330
100 x 20 x 3	Red	1000 pieces	539418
100 x 20 x 4	Yellow	1000 pieces	539420
100 x 20 x 5	Green	1000 pieces	539422
100 x 20 x 6	Black	1000 pieces	539424
100 x 22 x 1	White	1000 pieces	538336
100 x 22 x 2	Blue	1000 pieces	538339
100 x 22 x 3	Red	1000 pieces	539426
100 x 22 x 4	Yellow	1000 pieces	539429
100 x 22 x 5	Green	1000 pieces	539432
100 x 22 x 6	Black	1000 pieces	539435
100 x 24 x 1	White	1000 pieces	538347
100 x 24 x 2	Blue	1000 pieces	538350
100 x 24 x 3	Red	1000 pieces	539438
100 x 24 x 4	Yellow	1000 pieces	539441
100 x 24 x 5	Green	1000 pieces	539444
100 x 24 x 6	Black	1000 pieces	539447
100 x 26 x 1	White	1000 pieces	538358
100 x 26 x 2	Blue	1000 pieces	538361
100 x 26 x 3	Red	1000 pieces	539450
100 x 26 x 4	Yellow	1000 pieces	539453
100 x 26 x 5	Green	1000 pieces	539456
100 x 26 x 6	Black	1000 pieces	539459
100 x 28 x 1	White	1000 pieces	538376
100 x 28 x 2	Blue	1000 pieces	538378
100 x 28 x 3	Red	1000 pieces	539462
100 x 28 x 4	Yellow	1000 pieces	539464
100 x 28 x 5	Green	1000 pieces	539466
100 x 28 x 6	Black	500 pieces	539468
100 x 30 x 1	White	1000 pieces	538385
100 x 30 x 2	Blue	1000 pieces	538388
100 x 30 x 3	Red	1000 pieces	539470
100 x 30 x 4	Yellow	1000 pieces	539472
100 x 30 x 5	Green	500 pieces	539474
100 x 30 x 6	Black	500 pieces	539476

GLAS-TEC GL-SV

Dimension	Colour	Pack.unit	Material no.
100 x 32 x 1	White	500 pieces	538395
100 x 32 x 2	Blue	500 pieces	538397
100 x 32 x 3	Red	500 pieces	539478
100 x 32 x 4	Yellow	500 pieces	539480
100 x 32 x 5	Green	500 pieces	539482
100 x 32 x 6	Black	500 pieces	539484
100 x 34 x 1	White	500 pieces	538403
100 x 34 x 2	Blue	500 pieces	538405
100 x 34 x 3	Red	500 pieces	539485
100 x 34 x 4	Yellow	500 pieces	539487
100 x 34 x 5	Green	500 pieces	539489
100 x 34 x 6	Black	500 pieces	539491
100 x 36 x 1	White	500 pieces	538411
100 x 36 x 2	Blue	500 pieces	538412
100 x 36 x 3	Red	500 pieces	539493
100 x 36 x 4	Yellow	500 pieces	539495
100 x 36 x 5	Green	500 pieces	539497
100 x 36 x 6	Black	500 pieces	539498
100 x 38 x 3	Red	500 pieces	539499
100 x 38 x 4	Yellow	500 pieces	539500
100 x 38 x 5	Green	500 pieces	539501
100 x 38 x 6	Black	500 pieces	539502
100 x 40 x 1	White	500 pieces	538418
100 x 40 x 2	Blue	500 pieces	538420
100 x 40 x 3	Red	500 pieces	539503
100 x 40 x 4	Yellow	500 pieces	539505
100 x 40 x 5	Green	500 pieces	539507
100 x 40 x 6	Black	500 pieces	539509
100 x 42 x 5	Green	500 pieces	538277
100 x 46 x 2	Blue	500 pieces	538425
100 x 46 x 3	Red	500 pieces	539594
100 x 46 x 4	Yellow	500 pieces	539596
100 x 46 x 5	Green	500 pieces	539598
100 x 46 x 6	Black	500 pieces	539600
100 x 50 x 1	White	500 pieces	538430
100 x 50 x 2	Blue	500 pieces	538431
100 x 50 x 3	Red	500 pieces	539601
100 x 50 x 4	Yellow	500 pieces	539602
100 x 50 x 5	Green	500 pieces	539603
100 x 50 x 6	Black	500 pieces	539606

Glazing packer GLAS-TEC GL-NM WITH STRIP



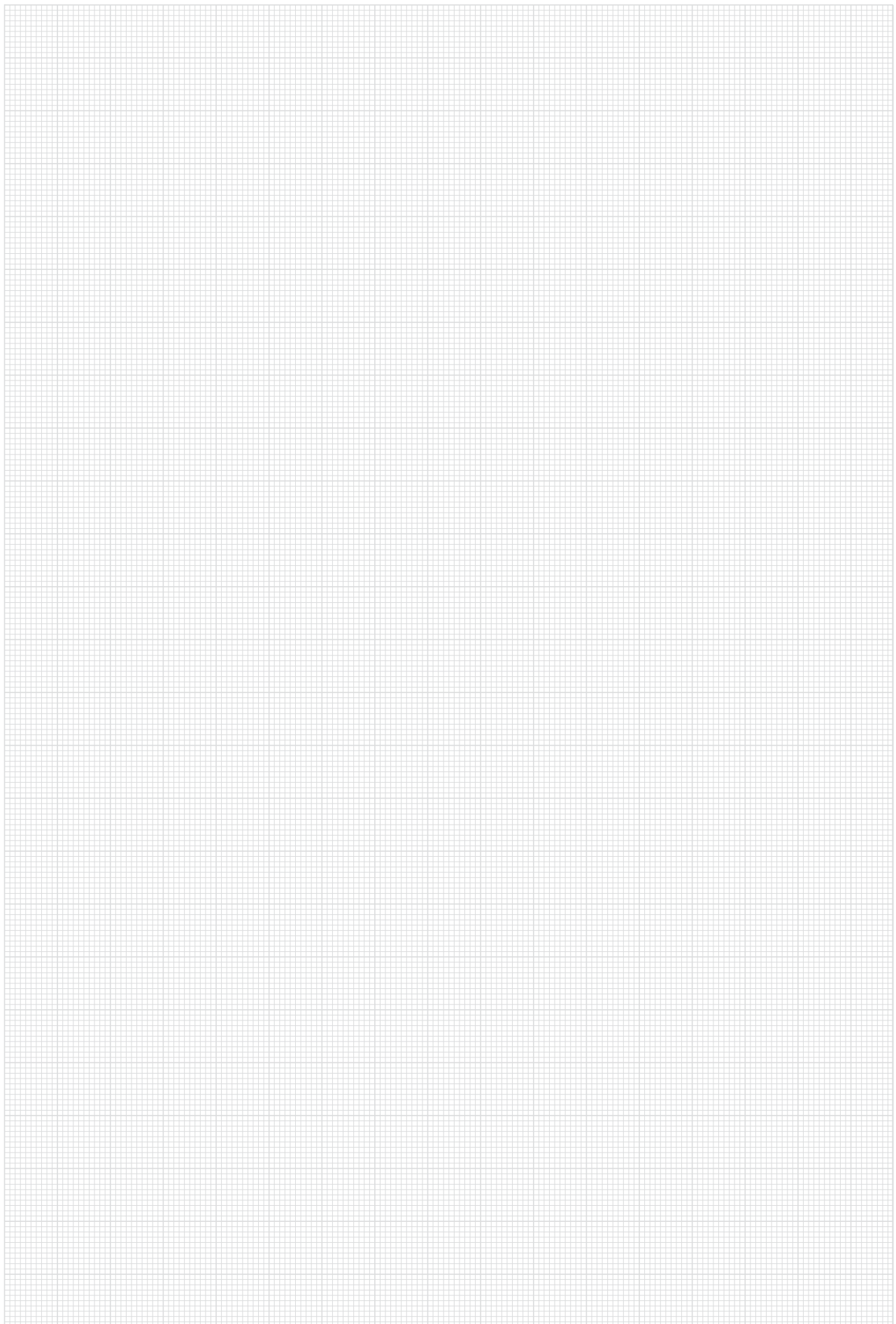
The glazing packer with lateral stop

- Optional positioning of the packer when using glazing with a lateral stop
- Compatible with numerous edge seal compounds for insulating glass
- Resistant to ageing
- Temperature resistant

GLAS-TEC GL-NM WITH STRIP



Dimension	Colour	Pack. unit	Material no.
100 x 26 x 2	Blue	1000 pieces	538372
100 x 26 x 3	Red	1000 pieces	538373
100 x 26 x 4	Yellow	1000 pieces	538374
100 x 26 x 5	Green	1000 pieces	538375
100 x 28 x 4	Yellow	1000 pieces	539294
100 x 28 x 5	Green	1000 pieces	539259
100 x 30 x 4	Yellow	1000 pieces	538439
100 x 30 x 5	Green	1000 pieces	538440

	2 mm
	3 mm
	4 mm
	5 mm



Glazing packer GLAS-TEC GL-B



	1 mm
	2 mm
	3 mm
	4 mm
	5 mm
	6 mm

Glazing packer with integrated brake membranes

- Holds without any additional fixing
- Resistant to pressure and capable of bearing loads due to the asymmetrical profile leg system
- Compatible with numerous edge seal compounds for insulating glass
- Resistant to ageing
- Temperature resistant

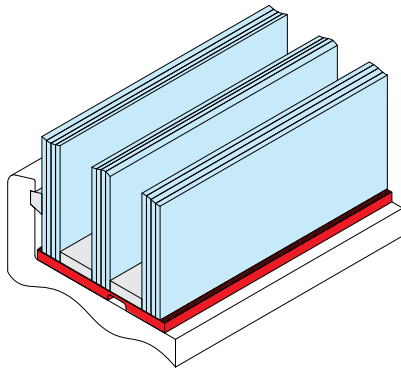
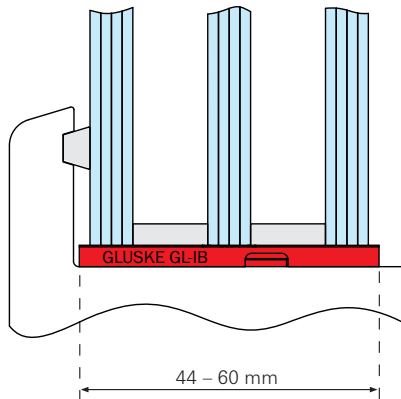
GLAS-TEC GL-B

Dimension	Colour	Pack. unit	Material no.
100 x 20 x 1	White	1000 pieces	538473
100 x 20 x 2	Blue	1000 pieces	538474
100 x 20 x 3	Red	1000 pieces	538475
100 x 20 x 4	Yellow	1000 pieces	538476
100 x 20 x 5	Green	1000 pieces	538477
100 x 20 x 6	Black	1000 pieces	538478
100 x 22 x 1	White	1000 pieces	538479
100 x 22 x 2	Blue	1000 pieces	538480
100 x 22 x 3	Red	1000 pieces	538481
100 x 22 x 4	Yellow	1000 pieces	550676
100 x 22 x 5	Green	1000 pieces	538482
100 x 22 x 6	Black	1000 pieces	538483
100 x 24 x 1	White	1000 pieces	538484
100 x 24 x 2	Blue	1000 pieces	538485
100 x 24 x 3	Red	1000 pieces	538486
100 x 24 x 4	Yellow	1000 pieces	538487
100 x 24 x 5	Green	1000 pieces	538488
100 x 24 x 6	Black	1000 pieces	538489
100 x 26 x 1	White	1000 pieces	538490
100 x 26 x 2	Blue	1000 pieces	538491
100 x 26 x 3	Red	1000 pieces	538492
100 x 26 x 4	Yellow	1000 pieces	538493
100 x 26 x 5	Green	1000 pieces	538494
100 x 26 x 6	Black	1000 pieces	538495
100 x 28 x 1	White	1000 pieces	538496
100 x 28 x 2	Blue	1000 pieces	538497
100 x 28 x 3	Red	1000 pieces	538498
100 x 28 x 4	Yellow	1000 pieces	538499
100 x 28 x 5	Green	500 pieces	538500
100 x 28 x 6	Black	500 pieces	538501
100 x 30 x 1	White	1000 pieces	538502
100 x 30 x 2	Blue	1000 pieces	538503
100 x 30 x 3	Red	1000 pieces	538504
100 x 30 x 4	Yellow	1000 pieces	538505
100 x 30 x 5	Green	500 pieces	538506
100 x 30 x 6	Black	500 pieces	538507

GLAS-TEC GL-B

Dimension	Colour	Pack.unit	Material no.
100 x 32 x 1	White	500 pieces	538509
100 x 32 x 2	Blue	500 pieces	538510
100 x 32 x 3	Red	500 pieces	538511
100 x 32 x 4	Yellow	500 pieces	538512
100 x 32 x 5	Green	500 pieces	538513
100 x 32 x 6	Black	500 pieces	538514
100 x 34 x 1	White	500 pieces	538515
100 x 34 x 2	Blue	500 pieces	538516
100 x 34 x 3	Red	500 pieces	538517
100 x 34 x 4	Yellow	500 pieces	538518
100 x 34 x 5	Green	500 pieces	538519
100 x 34 x 6	Black	500 pieces	538520
100 x 36 x 1	White	500 pieces	538521
100 x 36 x 2	Blue	500 pieces	538523
100 x 36 x 3	Red	500 pieces	538525
100 x 36 x 4	Yellow	500 pieces	538526
100 x 36 x 5	Green	500 pieces	538528
100 x 36 x 6	Black	500 pieces	538529
100 x 38 x 1	White	500 pieces	538530
100 x 38 x 2	Blue	500 pieces	538531
100 x 38 x 3	Red	500 pieces	538532
100 x 38 x 4	Yellow	500 pieces	538533
100 x 38 x 5	Green	500 pieces	538534
100 x 38 x 6	Black	500 pieces	538535
100 x 40 x 1	White	500 pieces	538536
100 x 40 x 2	Blue	500 pieces	538537
100 x 40 x 3	Red	500 pieces	538538
100 x 40 x 4	Yellow	500 pieces	538539
100 x 40 x 5	Green	500 pieces	538540
100 x 40 x 6	Black	500 pieces	538541

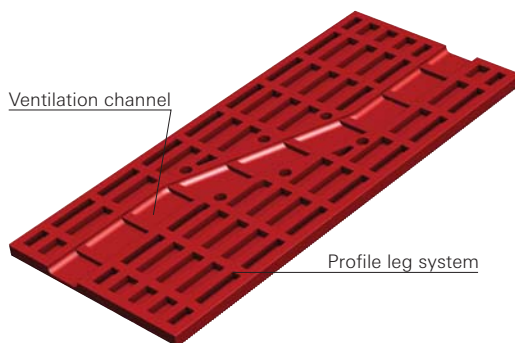
Glazing packer GLAS-TEC GL-IB

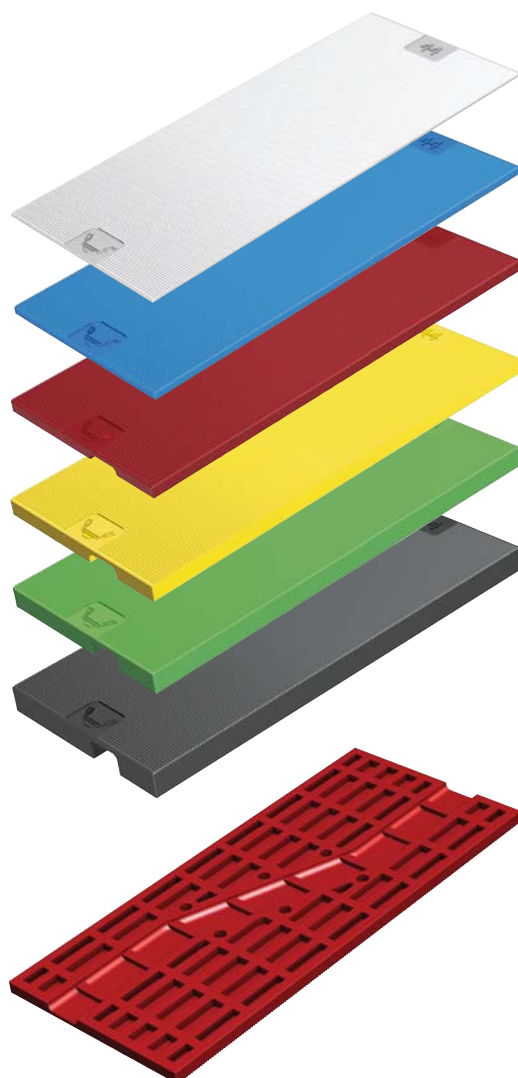




Triple glazing packer

The ever-increasing demands of the EnEV (German Energy Saving Regulations) will mean that insulation glazing will mainly “grow” from double to triple glazing in the future. This new glazing makes new, multiple demands when it comes to its professional installation. This means that often standard packers cannot be used. The higher glazing thicknesses have to be supported by the packers along the whole glazing strength, just as in the case of double-glazing.

- Enables the professional installation of every glazing thickness up to 60 mm.
- Optimised for high glazing weights
- Profile leg system and guidance of the ventilation channels is built so that the load transfer of individual panes is ensured everywhere on the packer
- The required vapour pressure compensation in the rebate area is not impaired by the packer
- Compatible with numerous edge seal compounds for insulating glass
- Resistant to ageing
- Temperature resistant



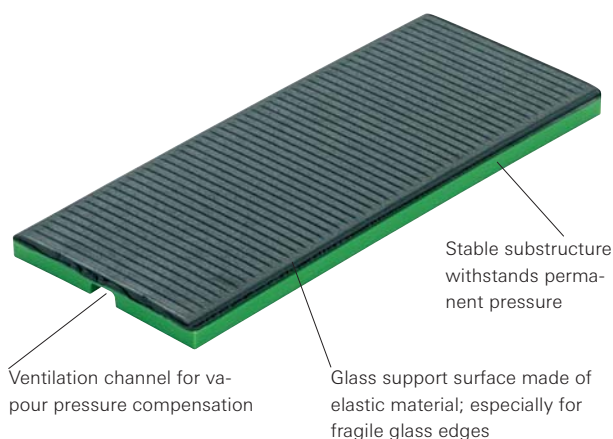


	1 mm
	2 mm
	3 mm
	4 mm
	5 mm
	6 mm

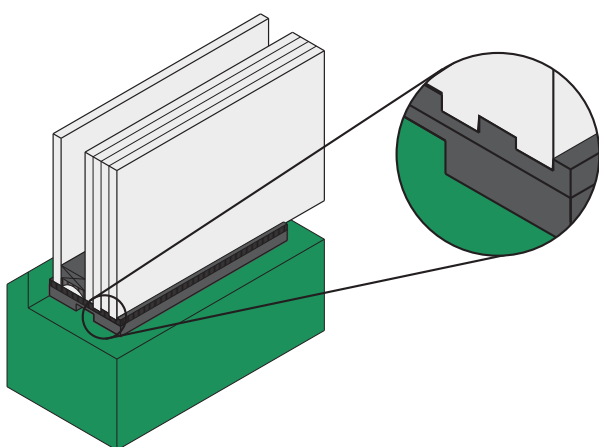
GLAS-TEC GL-IB

Dimension	Colour	Pack.unit	Material no.
100 x 44 x 1	White	500 pieces	540121
100 x 44 x 2	Blue	500 pieces	540123
100 x 44 x 3	Red	500 pieces	540125
100 x 44 x 4	Yellow	500 pieces	540127
100 x 44 x 5	Green	500 pieces	540129
100 x 44 x 6	Black	500 pieces	540131
100 x 48 x 1	White	500 pieces	540133
100 x 48 x 2	Blue	500 pieces	540135
100 x 48 x 3	Red	500 pieces	540137
100 x 48 x 4	Yellow	500 pieces	540139
100 x 48 x 5	Green	500 pieces	540141
100 x 48 x 6	Black	500 pieces	540143
100 x 52 x 1	White	500 pieces	540145
100 x 52 x 2	Blue	500 pieces	540147
100 x 52 x 3	Red	500 pieces	540149
100 x 52 x 4	Yellow	500 pieces	540151
100 x 52 x 5	Green	500 pieces	540153
100 x 52 x 6	Black	500 pieces	540155
100 x 56 x 1	White	500 pieces	540157
100 x 56 x 2	Blue	500 pieces	540158
100 x 56 x 3	Red	500 pieces	540159
100 x 56 x 4	Yellow	500 pieces	540160
100 x 56 x 5	Green	500 pieces	540161
100 x 56 x 6	Black	500 pieces	540162
100 x 60 x 1	White	500 pieces	540163
100 x 60 x 2	Blue	500 pieces	540164
100 x 60 x 3	Red	500 pieces	540165
100 x 60 x 4	Yellow	500 pieces	540166
100 x 60 x 5	Green	500 pieces	540167
100 x 60 x 6	Black	500 pieces	540168

Glazing packer GLAS-TEC GL-UK



In the case of triple glazings, the ventilation channel has to be located off-centre



The two-component glazing packer

Especially for fragile glass edges for the safe support of high-quality insulating glass:

- Bulletproof glass
- VSG-glass (laminated safety glass)
- Soundproofing glass and solar control glass, etc.

In the window and facade area, these glazing products are really high-tech products. Due to the normally non-treated glass edges specially adapted glazing-packer material is required.

Simple packers made of timber, PVC or rubber do not fulfil these requirements.

Only a sufficient permanent pressure resistance prevents the concentrated load on the glass edges. The end-to-end ventilation channel ensures the ventilation of the rebate area.

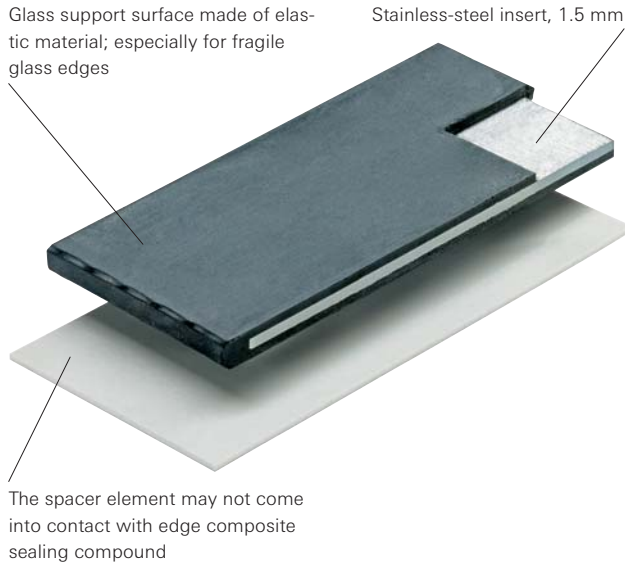
- Resistant to pressure and capable of bearing loads due to the asymmetrical profile leg system
- Longer packer length (120 mm) for better carrying capacity from 80 mm width
- Compatible with numerous edge seal compounds for insulating glass
- Resistant to ageing
- Temperature resistant

GLAS-TEC GL-UK

Dimension	Colour	Pack. unit	Material no.
100 x 20 x 5	Green	1000 pieces	538261
100 x 22 x 5	Green	1000 pieces	538264
100 x 24 x 5	Green	1000 pieces	538265
100 x 26 x 5	Green	1000 pieces	538269
100 x 28 x 5	Green	500 pieces	538270
100 x 30 x 5	Green	500 pieces	538271
100 x 30 x 8	Grey	500 pieces	538998
100 x 32 x 5	Green	500 pieces	538272
100 x 32 x 8	Grey	500 pieces	538999
100 x 34 x 5	Green	500 pieces	538273
100 x 36 x 5	Green	500 pieces	538274
100 x 36 x 8	Grey	500 pieces	539000
100 x 38 x 5	Green	500 pieces	538275
100 x 40 x 5	Green	500 pieces	538276
100 x 40 x 8	Grey	500 pieces	539001
100 x 42 x 5	Green	500 pieces	539002
100 x 42 x 8	Grey	500 pieces	539136
120 x 50 x 5	Green	250 pieces	539162
120 x 50 x 8	Grey	250 pieces	539228
120 x 80 x 5	Green	250 pieces	539161
120 x 80 x 8	Grey	250 pieces	539177

Further dimensions are available upon request.

Glazing packer GLAS-TEC GL-UKS



Glazing packer with integrated stainless-steel insert

- Can be used with protruding substructures
- Compensates protruding glass edges with elastic surface
- High inherent stability
- Compatible with numerous edge seal compounds for insulating glass
- Temperature resistant
- Resistant to ageing

Note:

With stainless-steel packings, carrier packers are used which are to transfer the glass weight of the respective glazing unit to the frame structure. Open joints must be sealed off immediately after packing!

Which packer version is to be used according to the purpose and especially regarding the material compatibility must be checked and determined by an expert. Please refer to the Technical Guidelines of the Glazing Trade, Part 3.

GLAS-TEC GL-UKS

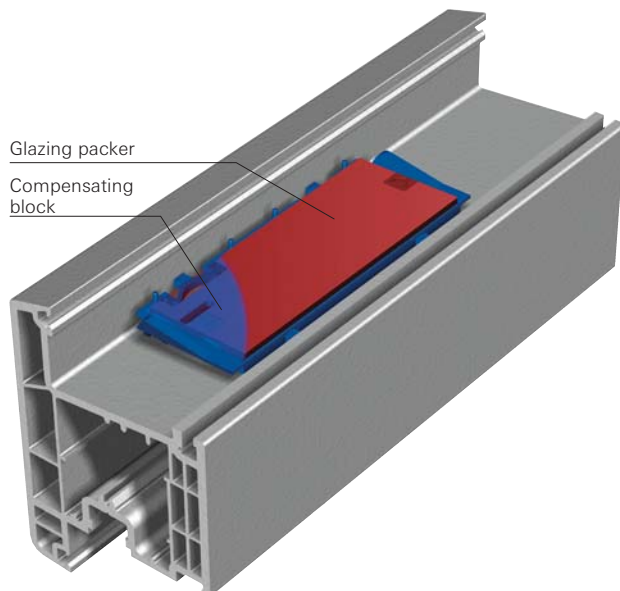
Dimension	Colour	Material no.
100 x 20 x 5	Black	539615
100 x 30 x 5	Black	539313
100 x 34 x 5	Black	539609
100 x 36 x 5	Black	539630
100 x 38 x 5	Black	539631
100 x 40 x 5	Black	539551
100 x 42 x 5	Black	539550
100 x 44 x 5	Black	539544
100 x 50 x 5	Black	539608
100 x 52 x 5	Black	539767
100 x 55 x 5	Black	539629
100 x 56 x 5	Black	540118
100 x 60 x 5	Black	540071

Further dimensions are available upon request.

PVC spacer element

Dimension	Colour	Pack. unit	Material no.
120 x 80 x 1	White	500 pieces	539389

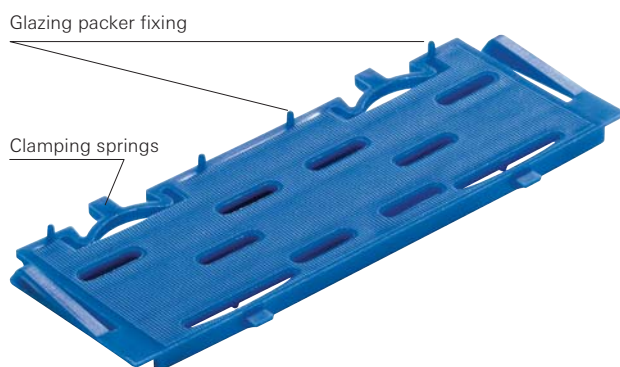
Compensating block GLAS-TEC GFE



Compensating blocks are used for profile compensation and provide level support.

Compensating blocks may not come into contact with the insulating-glass edge composite. Please use our tested material for blocking.

- Optimised clampability in rebate area for compensating tolerances
- Combination of proven Roto material and product properties
- Excellent load distribution/load transfer



Strip

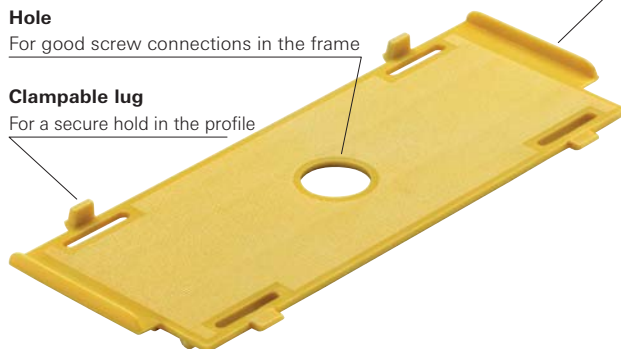
It prevents the glazing packer from slipping

Hole

For good screw connections in the frame

Clampable lug

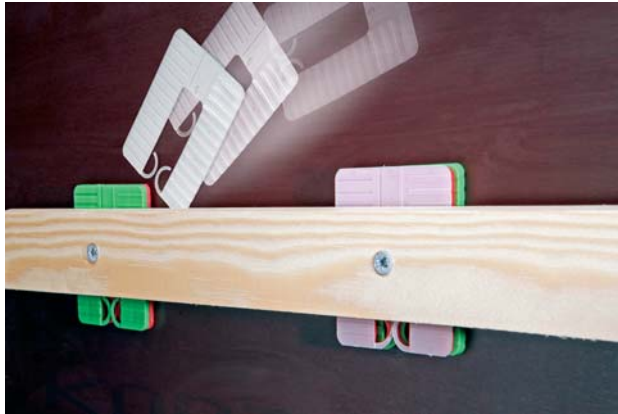
For a secure hold in the profile



GLAS-TEC GFE					
Manufacturer	Profiles of manufacturers		Colour	Pack.unit	Material no.
Aluplast	Ideal 4000/5000/6000	X 304 K	Grey	1000 pieces	539591
	Ideal 2000/3000	X 307 K	Black	1000 pieces	539612
Brüggmann	AD 3.5 mm, raised	X 331 K	Black	500 pieces	539889
	AD	X 332 K	Black	1000 pieces	539890
Deceuninck	Zendow 3000	X 298 K	Red	500 pieces	539394
	Zendow 5000	X 375 K	Green	1000 pieces	625786
	Zendow 5000	X 374K	Red	500 pieces	625155
Gealan	S 3000/6000	X 308 K	Black	1000 pieces	539613
	S 7000 IQ / 8000 IQ	X 318 K	Grey	1000 pieces	539647
Inoutic	AD System GK 10/4	X 279 K	Red	500 pieces	550606
	Prestige	X 278 K	Red	1000 pieces	539332
	Prestige 7 mm, raised	X 306 K	Black	1000 pieces	539593
	Elite GK 076	X 320 K	Black	500 pieces	539652
	Elite GK 276 3 mm, raised	X 321 K	Black	500 pieces	539654
	Elite GK 276 4 mm, raised	X 327 K	Red	500 pieces	539782
KBE	System_70 mm main door	X 326 K	Red	500 pieces	539779
	System_70 mm main door				
	Overlap gasket				
	System_70 mm (sash only)				
	System_70 mm AluSTAR 70				
	System_70 mm SELECT				
	System KBE 88 Plus	X 370 KB	Black	1000 pieces	604480
Kömmerling	Eurodur 3S	X 250 K	Red	500 pieces	539223
	Euro Futur Classic	X 50 K	Red	250 pieces	538447
	Sash 0113.1, 0112				
	Euro Futur Classic	X 350 KB	Blue	500 pieces	540119
	Euro Futur Elegance				
	88 Plus (frame only)	X 361 KB	Red	500 pieces	552565
	88 Plus (sash only)	X 362 KB	Blue	250 pieces	552566
LB Profile	PCD System CONCEPT	X 319 K	Red	500 pieces	539641
Profex/Wymar	S2000 System	X 127 K	Red	500 pieces	538456
	S2000 4 mm, raised	X 182 K	Black	500 pieces	538462
Rehau	S 799 Brillant Design	X 305 K	Red	1000 pieces	539592
	S 730 Basic/Thermo Design	X 309 K	Black	1000 pieces	539614
	S 980 Geneo / S 981 ED86	X 371 KB	Black	1000 pieces	611972
Salamander	Design 2D/3D	X 268 K	Yellow	500 pieces	539284
	76 mm installation depth				
Schüco	Corona AS/MD 60, recessed, 60–90 mm installation depth	X 213 K	Red	500 pieces	539153
	Corona CT 70, recessed, 70 mm installation depth	X 344 K	Green	500 pieces	540085
	Corona SI 82	X 373 K	Black	500 pieces	624485
Tropical	InnoNova 70 M5	X 328 K	Red	1000 pieces	539788
	(frame only) 596110				
	InnoNova 70 A5 596210	X 329 K	Yellow	1000 pieces	539789
	InnoNova 70 M5				
	(sash only) 596210				
VEKA	Softline 58 AD, recessed	X 283 K	Red	500 pieces	539314
	Softline 58 AD, 3 mm, raised, for use on:	X 341 K	Yellow	1000 pieces	540061
	- Topline 70 AD				
	- Topline 70 MD (sash only)				
	- Softline 70 AD				
	- Softline 70 MD (sash only)				
	- Swingline				
	- Perfectline				
	- Alphaline 90 MD (sash only)				
	Softline SL 82	X 376 K	Red	500 pieces	629802
	Topline, Softline 70	X 356 KB	Red	500 pieces	540194
	Perfectline (PL), Alphaline				

EUROKLICK Packer plate system

Every time exact alignment is crucial



Application areas

For compensating and aligning in window and door construction and in interior work and dry construction.

Easy to install

Fast, simple compensation during installation by inserting coloured EUROKLICK shims accurate down to the millimetre.

Stable

Positive, direct load-bearing capacity due to firmly pressing of the supporting structure onto the EUROKLICK in the screw area.

Secure

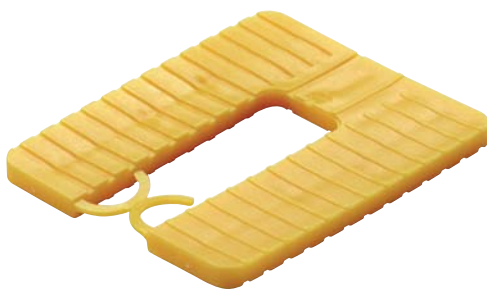
Latch-hooks prevent the EUROKLICK from slipping off the screw.

Type 1

Quick and easy evening out during installation. Due to the fluting, several EUROKLICKS can be installed on top of each other without slipping.

Slot measure for EUROKLICK 40 x 30 = 13 mm

Slot measure for EUROKLICK 65 x 52.5 = 15 mm



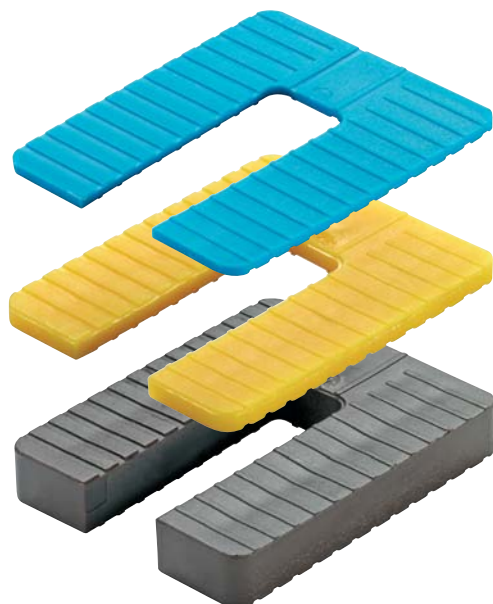
Type 2 and 3

Latch-hooks prevent EUROKLICK from slipping off the screw during installation.



Type 3

Easier positioning of the EUROKLICK through installation aid.



	1 mm
	2 mm
	3 mm
	4 mm
	5 mm
	6 mm
	8 mm
	10 mm

EUROCLICK type 1

Dimension	Colour	Pack.unit	Material no.
40 x 30 x 1	White	1000 pieces	538859
40 x 30 x 2	Blue	1000 pieces	538861
40 x 30 x 3	Red	1000 pieces	538863
40 x 30 x 4	Yellow	1000 pieces	538865
40 x 30 x 5	Green	1000 pieces	538867
40 x 30 x 6	Black	1000 pieces	538869
40 x 30 x 8	Grey	500 pieces	538871
40 x 30 x 10	Brown	500 pieces	538873
65 x 52.5 x 1	White	1000 pieces	539055
65 x 52.5 x 2	Blue	1000 pieces	539014
65 x 52.5 x 3	Red	1000 pieces	539016
65 x 52.5 x 4	Yellow	1000 pieces	539018
65 x 52.5 x 5	Green	500 pieces	539020
65 x 52.5 x 6	Black	500 pieces	539022
65 x 52.5 x 8	Grey	500 pieces	539024
65 x 52.5 x 10	Brown	500 pieces	539026

EUROCLICK type 2

Dimension	Colour	Pack.unit	Material no.
40 x 30 x 1	White	1000 pieces	538823
40 x 30 x 2	Blue	1000 pieces	538825
40 x 30 x 3	Red	1000 pieces	538827
40 x 30 x 4	Yellow	1000 pieces	538829
40 x 30 x 5	Green	1000 pieces	538831
40 x 30 x 6	Black	1000 pieces	538833
40 x 30 x 8	Grey	500 pieces	538835
40 x 30 x 10	Brown	500 pieces	538837
65 x 52.5 x 1	White	1000 pieces	539057
65 x 52.5 x 2	Blue	1000 pieces	539028
65 x 52.5 x 3	Red	1000 pieces	539030
65 x 52.5 x 4	Yellow	1000 pieces	539032
65 x 52.5 x 5	Green	500 pieces	539034
65 x 52.5 x 6	Black	500 pieces	539036
65 x 52.5 x 8	Grey	500 pieces	539037
65 x 52.5 x 10	Brown	500 pieces	539038

EUROCLICK Type 2 range A

Dimension	Colour	Pack. unit/ content 1310 pieces	Material no.
Euro TYPE 2 range A different colours 1 set consisting of:			539191
40 x 30 x 1	White	200 pieces	
40 x 30 x 2	Blue	200 pieces	
40 x 30 x 3	Red	200 pieces	
40 x 30 x 4	Yellow	200 pieces	
40 x 30 x 5	Green	200 pieces	
65 x 52.5 x 1	Black	100 pieces	
65 x 52.5 x 3	Grey	100 pieces	
65 x 52.5 x 5	Brown	100 pieces	
115 x 30 x 18	Black	10 pieces	Adjustment wedges*

* refer to page 26

EUROKLICK Packer plate system

Every time exact alignment is crucial



EUROKLICK Type 2 range B

Dimension	Colour	Pack. unit/ content 1700 pieces	Material no.
Euro TYPE 2 range B different colours 1 set consisting of:			539192
40 x 30 x 1	White	400 pieces	
40 x 30 x 2	Blue	250 pieces	
40 x 30 x 3	Red	400 pieces	
40 x 30 x 4	Yellow	250 pieces	
40 x 30 x 5	Green	400 pieces	

EUROKLICK Type 3

Dimension	Colour	Pack. unit	Material no.
40 x 30 x 1	White	1000 pieces	538839
40 x 30 x 2	Blue	1000 pieces	538841
40 x 30 x 3	Red	1000 pieces	538843
40 x 30 x 4	Yellow	1000 pieces	538845
40 x 30 x 5	Green	1000 pieces	538847
40 x 30 x 6	Black	1000 pieces	538849
40 x 30 x 8	Grey	500 pieces	538851
40 x 30 x 10	Brown	500 pieces	538853
65 x 52.5 x 1	White	1000 pieces	539059
65 x 52.5 x 2	Blue	1000 pieces	539040
65 x 52.5 x 3	Red	1000 pieces	539042
65 x 52.5 x 4	Yellow	1000 pieces	539044
65 x 52.5 x 5	Green	500 pieces	539046
65 x 52.5 x 6	Black	500 pieces	539048
65 x 52.5 x 8	Grey	500 pieces	539050
65 x 52.5 x 10	Brown	500 pieces	539052

EUROKLICK Type 3 range A

Dimension	Colour	Pack. unit/ content 1310 pieces	Material no.
Euro Type 3 range A different colours 1 set consisting of:			539163
40 x 30 x 1	White	200 pieces	
40 x 30 x 2	Blue	200 pieces	
40 x 30 x 3	Red	200 pieces	
40 x 30 x 4	Yellow	200 pieces	
40 x 30 x 5	Green	200 pieces	
65 x 52.5 x 1	White	100 pieces	
65 x 52.5 x 3	Red	100 pieces	
65 x 52.5 x 5	Green	100 pieces	
115 x 30 x 18	Black	10 pieces	Adjustment wedges*

* refer to page 26

EUROKLICK Type 3 range B

Dimension	Colour	Pack. unit/ content 1700 pieces	Material no.
Euro Type 3 range B different colours 1 set consisting of:			539257
40 x 30 x 1	White	400 pieces	
40 x 30 x 2	Blue	250 pieces	
40 x 30 x 3	Red	400 pieces	
40 x 30 x 4	Yellow	250 pieces	
40 x 30 x 5	Green	400 pieces	

DISKOKLICK Packer plate system



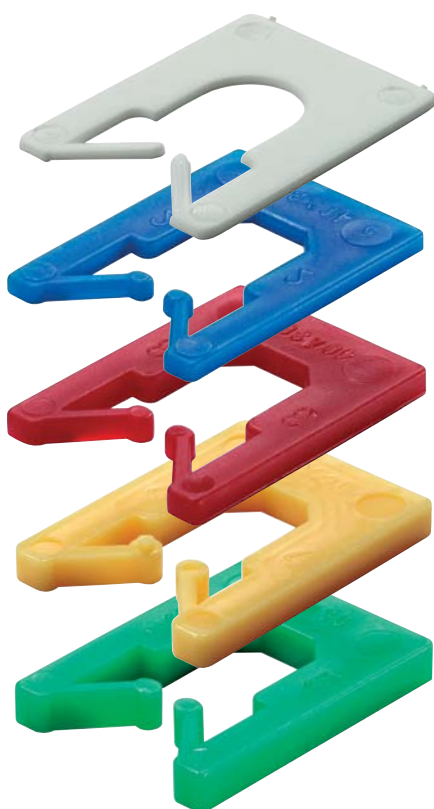
The ideal aid wherever compensation, shimming or straightening is to be carried out.

DISKOKLICK plates are quickly mounted, securely seated, clean and accurate down to the millimetre.

Latch-hooks prevent DISKOKLICK from slipping off the screw.

DISKOKLICK

Dimension	Slot measure
40 x 30	13mm
50 x 50	12mm
55 x 30	15mm
60 x 30	12mm
65 x 52.5	13mm
80 x 34	10mm



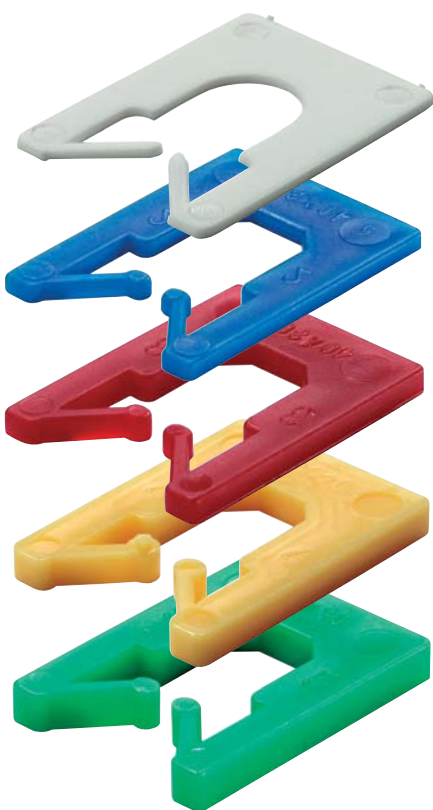
	1 mm
	2 mm
	3 mm
	4 mm
	5 mm
	6 mm
	8 mm
	10 mm

DISKOKLICK Type 2

Dimension	Colour	Pack.unit	Material no.
40 x 30 x 1	White	1000 pieces	538775
40 x 30 x 2	Blue	1000 pieces	538778
40 x 30 x 3	Red	1000 pieces	538780
40 x 30 x 4	Yellow	1000 pieces	538783
40 x 30 x 5	Green	1000 pieces	538785
50 x 50 x 1	White	1000 pieces	538792
50 x 50 x 2	Blue	1000 pieces	538794
50 x 50 x 3	Red	1000 pieces	538796
50 x 50 x 4	Yellow	1000 pieces	538798
50 x 50 x 5	Green	1000 pieces	538800
55 x 30 x 1	White	1000 pieces	538801
55 x 30 x 2	Blue	1000 pieces	538802
55 x 30 x 3	Red	1000 pieces	538803
55 x 30 x 10	Brown	500 pieces	538804
60 x 30 x 2	Blue	1000 pieces	538805
60 x 30 x 3	Red	1000 pieces	538806
60 x 30 x 5	Green	1000 pieces	538807
65 x 52.5 x 1	White	1000 pieces	538808
65 x 52.5 x 2	Blue	1000 pieces	538809
65 x 52.5 x 3	Red	1000 pieces	538810
65 x 52.5 x 4	Yellow	1000 pieces	538812
65 x 52.5 x 5	Green	1000 pieces	538813
65 x 52.5 x 6	Black	500 pieces	538815
65 x 52.5 x 8	Grey	500 pieces	538816
65 x 52.5 x 10	Brown	500 pieces	538817
80 x 34 x 1	White	1000 pieces	538818
80 x 34 x 2	Blue	1000 pieces	538819
80 x 34 x 3	Red	1000 pieces	538820
80 x 34 x 4	Yellow	1000 pieces	538821
80 x 34 x 5	Green	1000 pieces	538822

DISKOKLICK Packer plate system

The ideal aid wherever compensation, shimming or straightening is to be carried out.



	1 mm
	2 mm
	3 mm
	4 mm
	5 mm
	6 mm
	8 mm
	10 mm

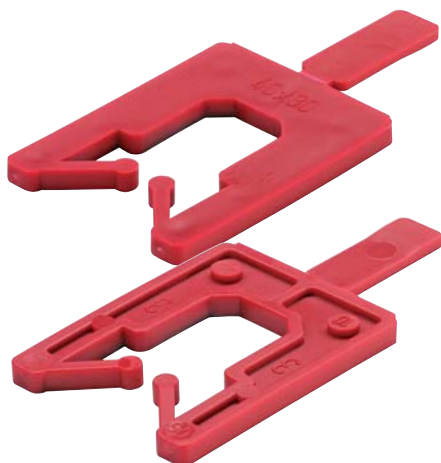
DISKOKLICK Type 2 range A

Dimension	Colour	Pack. unit/ content 1310 pieces	Material no.
Disko Type 2 range A different colours 1 set consisting of: 538768			
40 x 30 x 1	White	200 pieces	
40 x 30 x 2	Blue	200 pieces	
40 x 30 x 3	Red	200 pieces	
40 x 30 x 4	Yellow	200 pieces	
40 x 30 x 5	Green	200 pieces	
65 x 52.5 x 1	White	100 pieces	
65 x 52.5 x 3	Red	100 pieces	
65 x 52.5 x 5	Green	100 pieces	
115 x 30 x 18	Black	10 pieces	Adjustment wedges*

* refer to page 26

DISKOKLICK Type 2 range B

Dimension	Colour	Pack. unit/ content 1700 pieces	Material no.
Disko Type 2 range B different colours 1 set consisting of: 538769			
40 x 30 x 1	White	400 pieces	
40 x 30 x 2	Blue	250 pieces	
40 x 30 x 3	Red	400 pieces	
40 x 30 x 4	Yellow	250 pieces	
40 x 30 x 5	Green	400 pieces	



DISKOKLICK Type 3

Dimension	Colour	Pack.unit	Material no.
40 x 30 x 1	White	1000 pieces	539356
40 x 30 x 2	Blue	1000 pieces	539357
40 x 30 x 3	Red	1000 pieces	539358
40 x 30 x 4	Yellow	1000 pieces	539359
40 x 30 x 5	Green	1000 pieces	539360
65 x 52.5 x 1	White	1000 pieces	539361
65 x 52.5 x 2	Blue	1000 pieces	539362
65 x 52.5 x 3	Red	500 pieces	539363
65 x 52.5 x 4	Yellow	500 pieces	539364
65 x 52.5 x 5	Green	500 pieces	539365
65 x 52.5 x 6	Black	500 pieces	539366
65 x 52.5 x 8	Grey	500 pieces	539367
65 x 52.5 x 10	Brown	500 pieces	539352



Spacer element

Dimension	Colour	Pack.unit	Material no.
40 x 60 x 1.5	White	1000 pieces	538789
40 x 60 x 3	Red	1000 pieces	538790
40 x 60 x 5	Green	1000 pieces	538791
40 x 60 x 10	Brown	500 pieces	538788
53 x 66 x 1.5	White	1000 pieces	599671
53 x 66 x 3	Red	1000 pieces	599672
53 x 66 x 5	Green	500 pieces	599673
53 x 66 x 10	Brown	250 pieces	599674
53 x 66 x 15	Grey	200 pieces	599698
53 x 66 x 20	Black	100 pieces	599675

Adjustment and installation wedges

For compensating and aligning in window and door construction and in interior work and dry construction.



Dimension	Colour	Pack.unit	Material no.
115 x 30 x 18	Black	500 pieces	538772



Dimension	Colour	Pack.unit	Material no.
58 x 30 x 7	Black	500 pieces	538770



Dimension	Colour	Pack.unit	Material no.
58 x 30 x 12	Black	500 pieces	538771



Dimension	Colour	Pack.unit	Material no.
58 x 30 x 20	Black	500 pieces	538774

Slot measure 12 mm



Dimension	Colour	Pack.unit	Material no.
80 x 22 x 8	Black	1000 pieces	539094



Dimension	Colour	Pack.unit	Material no.
80 x 22 x 16	Black	1000 pieces	539092

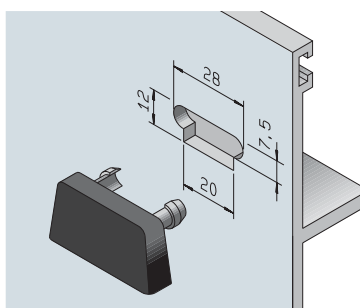
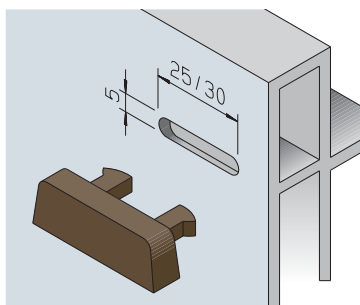
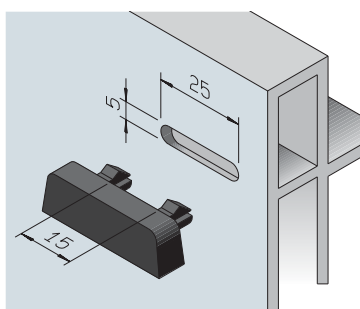
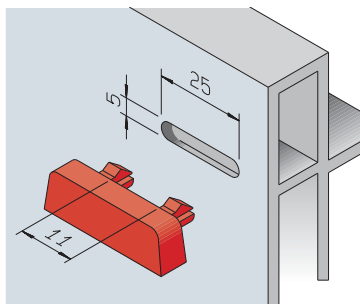


Dimension	Colour	Pack.unit	Material no.
80 x 22 x 24	Black	500 pieces	539091



Dimension	Colour	Pack.unit	Material no.
100 x 20 x 8	Black	500 pieces	538543
Can be shortened			

Water slot caps



Water slot caps to be clipped on top, internal dimension 11 mm

Slot measure	Colour	Pack.unit	Material no.
5 x 25	White	1000 pieces	538743
5 x 25	Brown	1000 pieces	538745
5 x 25	Oregon-opine	1000 pieces	539204
5 x 25	RAL 1001 – Beige	1000 pieces	538719
5 x 25	RAL 5007 – Diamond-blue	1000 pieces	538692
5 x 25	RAL 5011 – Steel-blue	1000 pieces	538717
5 x 25	RAL 6005 – Moss green	1000 pieces	538706
5 x 25	RAL 7001 – Silver-grey	1000 pieces	538733
5 x 25	RAL 7016 – Anthracite-grey	1000 pieces	538694
5 x 25	RAL 7021 – Black-grey	1000 pieces	538683
5 x 25	RAL 7038 – Agate grey	1000 pieces	538686
5 x 25	RAL 8001 – Ochre brown	1000 pieces	538703
5 x 25	RAL 8003 – Clay brown	1000 pieces	539305
5 x 25	RAL 8016 – Mahogany	1000 pieces	538699
5 x 25	RAL 8017 – Chocolate brown	1000 pieces	538709
5 x 25	RAL 8022 – Blackish brown	1000 pieces	538716
5 x 25	RAL 9001 – Cream-white	1000 pieces	538724
5 x 25	RAL 8014 – Sepia brown	1000 pieces	539066
5 x 25	Mountain pine	1000 pieces	539763

Water slot caps to be clipped on top, internal dimension 15 mm

Slot measure	Colour	Pack.unit	Material no.
5 x 25	White	1000 pieces	538677
5 x 25	Brown	1000 pieces	538678
5 x 25	Black	1000 pieces	538680

Water slot caps to be clipped laterally

Slot measure	Colour	Pack.unit	Material no.
5 x 25	White	1000 pieces	538748
5 x 25	Brown	1000 pieces	538751
5 x 30	White	1000 pieces	538756
5 x 30	Brown	1000 pieces	538757

Water slot caps to be clipped laterally, for aluminium profiles

Slot measure	Colour	Pack.unit	Material no.
7.5 x 28	White	1000 pieces	538761
7.5 x 28	Black	1000 pieces	538762

Balcony door handles



Balcony door handle made of die-cast zinc

Colour	Pack.unit	Material no.
RAL 9016 – White	1 set	539578
RAL 9001 – Cream-white	1 set	539577
RAL 8022 – Brown	1 set	539570
RAL 8016 – Mahogany	1 set	539566
RAL 8011 – Rustic oak	1 set	539568
RAL 1001 – Light oak	1 set	539569
RAL 6005 – Moss green	1 set	539571
RAL 6009 – Fir green	1 set	539572
RAL 5011 – Steel-blue	1 set	539573
RAL 5007 – Diamond-blue	1 set	539574
RAL 7016 – Anthracite	1 set	539575
RAL 7001 – Silver-grey	1 set	539576
RAL 8001 – Golden oak	1 set	539565
similar C 33 Bronze	1 set	539651
RAL 9006 – White-aluminium	1 set	539642
RAL 9007 – Grey-aluminium	1 set	539780

Further RAL colours are available upon request.

Balcony door handle, die-cast zinc, barrel finishing with mount-plate

Colour	Pack.unit	Material no.
in-house sensitizing	1 set	540213

Balcony door handle made of PVC, type 1, to be mounted on the profile edge

Colour	Pack.unit	Material no.
White	100 pieces	538620
Brown	100 pieces	539010
Matt silver	100 pieces	539238

Balcony door handle made of PVC, type 2, to be mounted on the profile surface

Colour	Pack.unit	Material no.
White	100 pieces	539255
Brown	100 pieces	539256



Balcony door handle set A

consisting of balcony door handle type 1 and two screws 3.9x16 A2

Balcony door handle set A

Colour	Pack.unit	Material no.
White	1 set	539302
Brown	1 set	539303
Matt silver	1 set	539304

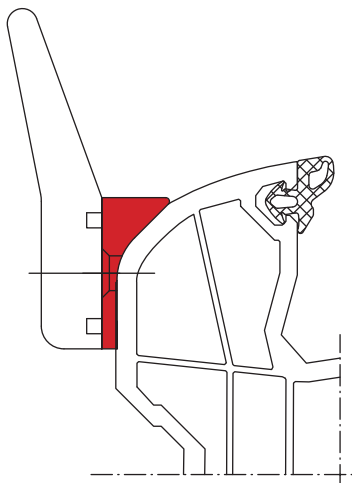


Balcony door handle set B

consisting of balcony door handle type 1, spacer element, and two screws 3.9x16 A2

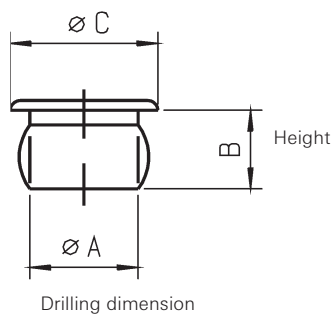
Balcony door handle set B

Colour	Profiles of manufacturers	Pack.unit	Material no.
White	Ideal 6000 160025	1 set	539384
Brown	Ideal 6000 160025	1 set	539385
White	150025/150032	1 set	539919
Brown	150025/150032	1 set	539920



Accessories

Dowel plugs



Dowel plugs (covering all drill holes)

Slot measure	Colour	Pack. unit	Material no.
10 x 6.7 x 14	White	1000 pieces	538574
10 x 6.7 x 14	Black	1000 pieces	538577
10 x 6.7 x 14	Grey	1000 pieces	538580
10 x 6.7 x 14	Brown	1000 pieces	538584
12 x 8.4 x 16	White	1000 pieces	538586
12 x 8.4 x 16	Black	1000 pieces	538588
12 x 8.4 x 16	Grey	1000 pieces	538590
12 x 8.4 x 16	Brown	1000 pieces	538591
13 x 8.5 x 16	White	1000 pieces	538592
13 x 8.5 x 16	Black	1000 pieces	538594
13 x 8.5 x 16	Grey	1000 pieces	538596
13 x 8.5 x 16	Brown	1000 pieces	538598

Drilling dimension A	Height B	Outside diameter C
10 mm	6.7 mm	14 mm
12 mm	8.4 mm	16 mm
13 mm	8.5 mm	16 mm

Accessories

Universal access key/Glazing tools



Universal access key

to open/close the windows and doors when operating elements are missing and to determine the profile cylinder length.

Universal access key

Material	Colour	Pack.unit	Material no.
PVC	Black	10 pieces	539111

Customised edition with customer logo available upon request.



Glazing tools

for the professional use of glazing packers for windows and doors.

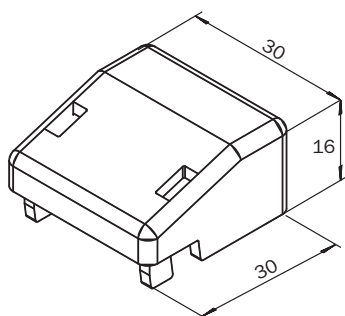
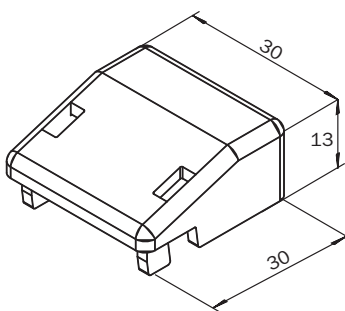
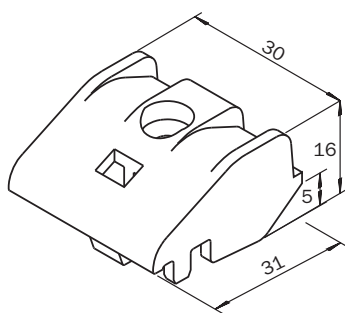
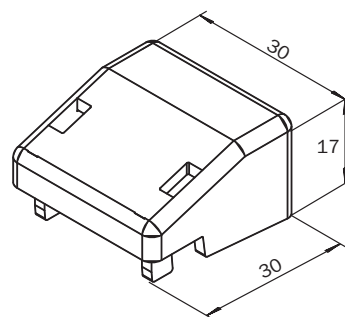
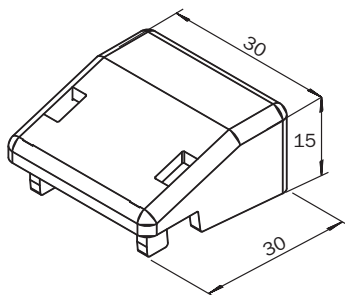
Glazing tools

Material	Pack.unit	Material no.
Timber	25 pieces	538468
PVC with wooden handle	50 pieces	538469
PVC	50 pieces	538471



Accessories

Run-up blocks/rebate clearance restrictors



Kömmerling*

Dimension	Profiles	Colour	Clearance	Pack.unit	Material no.
15 x 30 x 30	88+	Grey	2.50	1000 pieces	579016
	Vision	Grey			
	Classic	Grey			
	Elegance	Grey			

* suitable for BRG2

Kömmerling*

Dimension	Profiles	Colour	Clearance	Pack.unit	Material no.
17 x 30 x 30	88+	Grey	0	1000 pieces	601458
	Vision	Grey			
	Classic	Grey			
	Elegance	Grey			

* suitable for BRG2

Kömmerling

Dimension	Profiles	Colour	Clearance	Pack.unit	Material no.
16 x 31 x 30	88+	White	0	1000 pieces	538557
	Vision	White			
	Classic	White			
	Elegance	White			

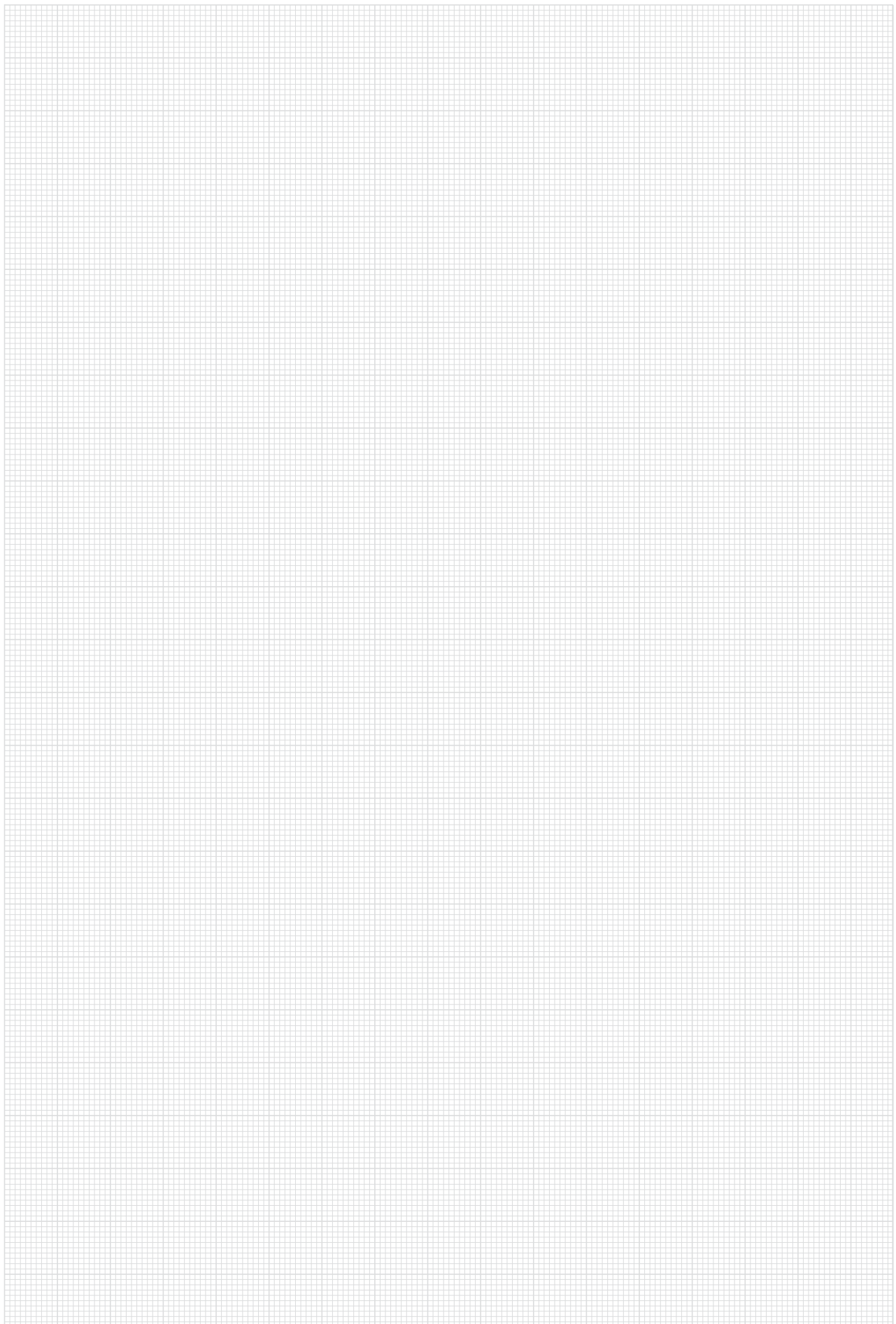
Gealan

Dimension	Profiles	Colour	Clearance	Pack.unit	Material no.
13 x 30 x 30	S3000	Grey	2.50	1000 pieces	539898
	S8000	Grey			

Gealan

Dimension	Profiles	Colour	Clearance	Pack.unit	Material no.
16 x 30 x 30	S3000	Grey	0	1000 pieces	539897
	S8000	Grey			

Dimensions in mm (H x D x W)



Imprint

Copyright: April 2015

Roto Frank AG
Window and Door Technology

Wilhelm-Frank-Platz 1
70771 Leinfelden-Echterdingen
Germany

Phone +49 711 7598 0
Fax +49 711 7598 253
info@roto-frank.com

www.roto-frank.com

Roto Frank AG
Window and Door Technology

Wilhelm-Frank-Platz 1
70771 Leinfelden-Echterdingen
Germany

Phone +49 711 7598 0
Fax +49 711 7598 253
info@roto-frank.com

www.roto-frank.com



From a single source: Optimum hardware systems to meet all challenges

- Roto Tilt&Turn** | The Tilt&Turn hardware system for windows and balcony doors
- Roto Sliding** | Hardware systems for large sliding windows and doors
- Roto Door** | Matching hardware technology "everything about doors"
- Roto Equipment** | Additional technology for windows and doors