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GEALAN

INNOVATION MIT SYSTEM

GEALAN

PVC window and door systems

S8000 | S9000

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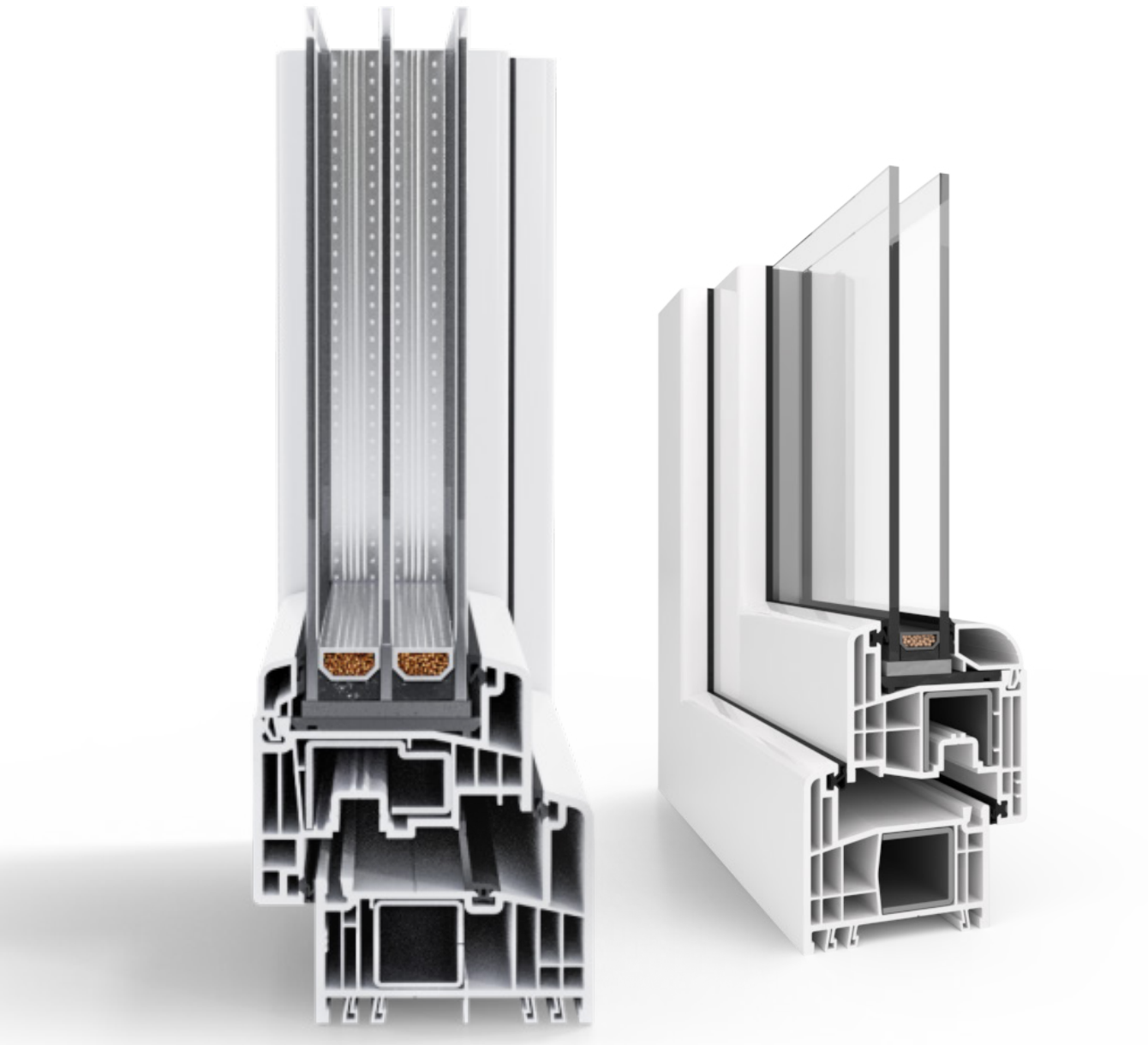


Hamburg (DE) | S 9000 | GEALAN-acrylcolor® 7021

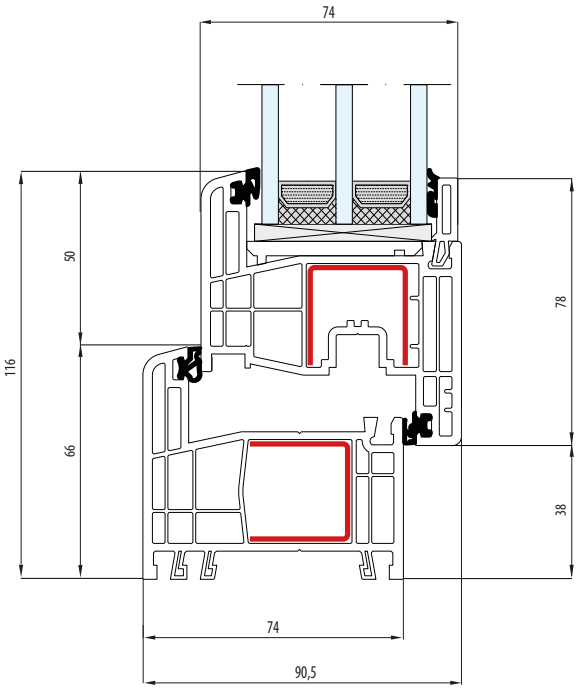


S8000 & S9000

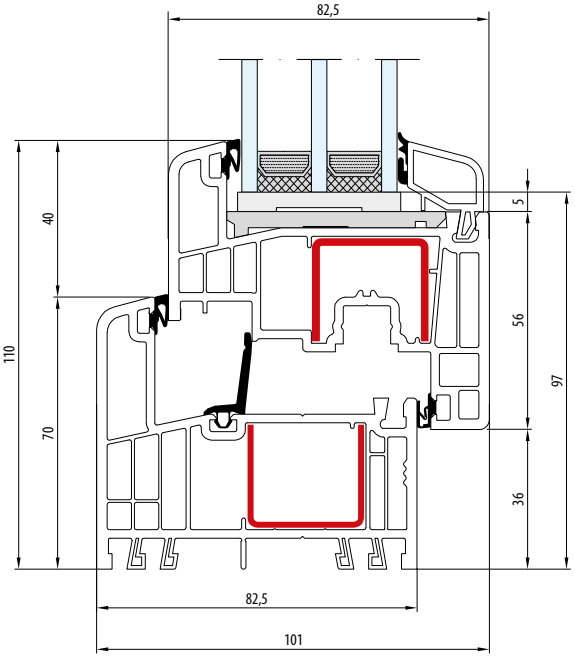
Larger structures, better statics, and more durable profiles with extraordinary aesthetics – this is what you gain by choosing the above systems.



CROSS-SECTIONS



GEALAN **S8000**



GEALAN **S9000**

MAIN ADVANTAGES OF THE SYSTEMS

- **Excellent statics**
  The profile construction, steel reinforcements, and especially glass bonding in STV technology improve the structure's statics, allowing for larger dimensions without installing crossbars.

- **Glass bonding (STV)**
  Dry glass bonding, available in the S9000 system, improves statics by transferring the strength of the glazing unit to the entire window structure.

- **Acrylcolor coating**
  The use of acrylic glass on the outer surface of the profiles is an aesthetic revolution and durability to which no other solution can compare.

- **Third gasket**
  The use of a middle gasket in the S9000 primarily improves window durability, but also has a positive effect on the thermal and acoustic insulation of the structure.

S8000 SYSTEM CHARACTERISTICS


Dresden (DE) | S9000 | GEALAN-acrylcolor® 7039

High efficiency in modern aesthetics

The S8000 system is the optimal solution for modern construction, where the comfort of household members and impeccable aesthetics must be supported by reasonable pricing. Glazing with units up to 48 mm allows them to compete worthily in terms of thermals with the most expensive solutions available on the PVC market.



74	5	6*	48
installation depth (mm)	chambers in frame	chambers in sash	glazing units up to thickness (mm)

Technical parameters:

U_w: from 0,80 W/m²k

U_f: from 1,2 W/m²k

R_w: 29-38 dB

Variants:

Monoblock

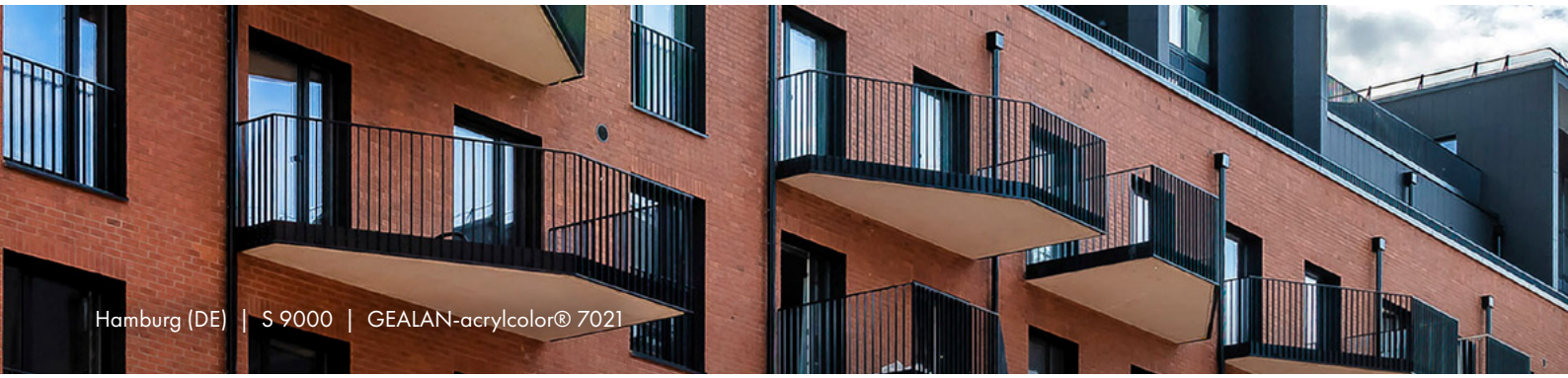
Renovation

Scan
to learn more

*5 chambers in structures requiring greater static strength.

	fixed window	1-sash window	2-sash window
air permeability	class 4	class 4	class 4
watertightness	class 7A	class 7A	class 7A
maximum dimensions	1576 x 2376 mm	1576 x 1576 mm	2048 x 1776 mm

S9000 SYSTEM CHARACTERISTICS


Hamburg (DE) | S 9000 | GEALAN-acrylcolor® 7021

Uncompromising solution for passive houses

The S9000 system is the choice of customers who know they are investing in a warm and comfortable future for themselves and their families. It works best with GEALAN-acrylv v ® coatings, thanks to which windows make just as great an impression after many years as on the day of installation.



82,5	6	6	54	52
installation depth (mm)	chambers in frame	chambers in sash	STV glazing up to thickness (mm)	glazing units up to thickness (mm)

Technical parameters:

U_w: from 0,73 W/m²k

U_f: from 1,0 W/m²k

R_w: 29-38 dB

Variants:

Renovation

AD option (2 gaskets)

MD option (3 gaskets)

Scan
to learn more

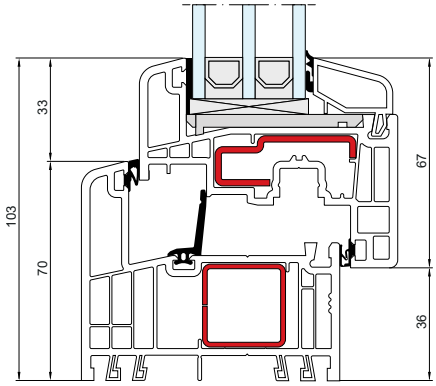
	fixed window	1-sash window	2-sash window
air permeability	class 4	class 4	class 4
watertightness	class 7A	class 7A	class 7A
resistance to wind load	class C2	class C2	class C2
maximum dimensions	1600 x 2300 mm	1500 x 1500 mm	1700 x 1800 mm

STV

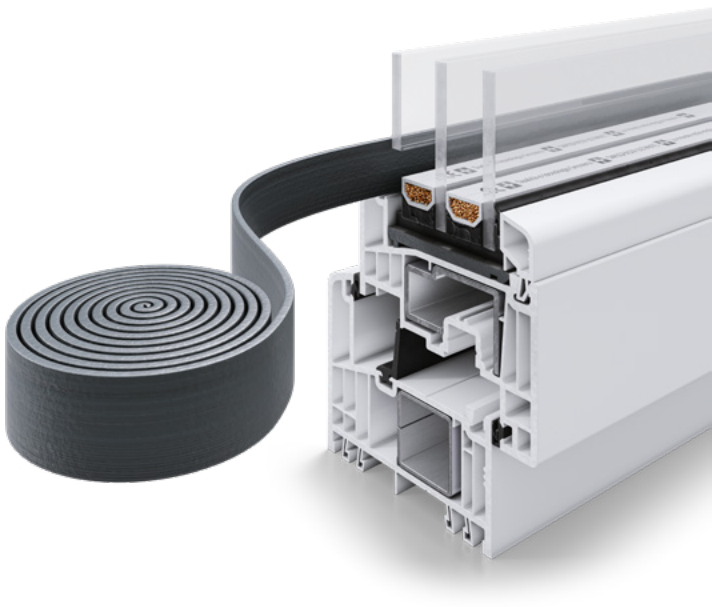
Innovative glass bonding technology

Dry glass bonding available in the S9000 system allows for significant improvement of the window's static parameters which may allow for increasing its dimensions or eliminating steel reinforcement.

- improved statics
- availability of larger structures
- better thermal insulation parameters
- lower risk of window deformation
- limited requirements for hardware adjustment



GEALAN S 9000 6002 - 6055 STV



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Colour palette



Acrylcolor

Acrylcolor - Acrylic external coatings

The GEALAN-acrylcolor® coating is a layer of acrylic applied to the outer side of the profile at the production stage, permanently bonded to it. GEALAN-acrylcolor® windows can be recognized immediately by their exceptionally intense colours that do not fade over time.

- colours that do not lose saturation over time
- wide selection of attractive GEALAN-acrylcolor® colours
- high gloss - reduced profile heating
- very high mechanical resistance of the surface
- reduced risk of profile damage
- easier cleaning and simple removal of small scratches





GEALAN-acrylcolor®

Colour palette



GEALAN-acrylcolor®
Extended

Colour palette




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