FROM ONE SOURCE
ADHESIVES AND SEALANTS
FOR THE GLASS INDUSTRY
Success is our philosophy

We take the progressive way into the future - with partners who are looking for success and who are strong enough to meet the requirements of the market.

We take the progressive way into the future - we offer you the widest product range in sealants and adhesives in the market.

Whether primary or secondary sealing for the manufacturing of insulating glass units, adhesives and sealants for structural glazing or direct glazing applications, or Warm-Edge-Systems for durably gas tight window and facade glass - with its comprehensive overall concept KÖMMERLING provide system solutions for almost every application in the glass industry from one source. KÖMMERLING offer not only high quality adhesives and sealants but also individual consulting service and support.
FROM ONE SOURCE
PRODUCTS

Polyisobutylene (PIB)

GD 115
grey
GD 115 S
Naftotherm BU-S

GD 116
GD 116 NA
Naftotherm M 82
PS 200
2-part Polysulfide

GD 677
GD 677 HM
GD 677 NA
2-part Polyurethane

Isomelt
Ködimelt IG
Hotmelt

GD 823 N
1-part IG-Silicone

GD 920
2-part IG-Silicone

Ködiglaze S
2-part SG-Silicone
SEALANTS FOR THE PRIMARY SEAL

POLYISOBUTYLENE

GD 115
Polyisobutylene
- Extremely low moisture vapour and gas transmission rate
- Good adhesion to glass and spacer bars
- Also available as pre-extruded tape
- Approved to EN 1279

GD 115 grey
Polyisobutylene
- Designed to seal gas filling holes

GD 115 S
Polyisobutylene
- Primary seal for flexible spacer bars
- Good adhesion to glass and spacer bars

Naftotherm BU-S
Polyisobutylene
- Extremely low moisture vapour and gas transmission rate
- Good adhesion to glass and spacer bars
- Also available as pre-extruded tape
- Approved to EN 1279
SEALANTS FOR THE SECONDARY SEAL
POLYSULFIDE / POLYURETHANE

**GD 116**
2-part Polysulfide
- Low moisture vapour transmission rate, good gas retention
- Tolerant of mix ratio deviations of up to ± 20 %
- Wide adhesion range
- Approved by CEKAL and BCCA
- Approved for KÖMMERLING Direct Glazing Systems

**GD 116 NA**
2-part Polysulfide
- Low moisture vapour transmission rate, good gas retention
- Tolerant of mix ratio deviations of up to ± 20 %
- Wide adhesion range

**Naftotherm M 82**
2-part Polysulfide
- Low moisture vapour transmission rate, good gas retention
- Tolerant of mix ratio deviations of up to ± 20 %
- Wide adhesion range
- Approved and controlled by BCCA

**PS 200**
2-part Polysulfide
- Low moisture vapour transmission rate, good gas retention
- Tolerant of mix ratio deviations of up to ± 20 %
- Wide adhesion range

**GD 677**
2-part Polyurethane
- Low moisture vapour transmission rate, good gas retention
- Fast adhesion build-up
- Very good adhesion to many kinds of plastic
- Approved by CEKAL

**GD 677 HM**
2-part Polyurethane for the manufacturing of Heat-Mirror™ insulating glass units
- High strength and elasticity

**GD 677 NA**
2-part Polyurethane mercury free
- Low moisture vapour transmission rate, good gas retention
- Fast adhesion build-up
- Very good adhesion to many kinds of plastic

All listed secondary sealants are approved to EN 1279
SEALANTS FOR THE SECONDARY SEAL

SILICONE / HOTMELT

GD 920
2-part IG-Silicone
- Excellent UV resistance
- High modulus
- High temperature resistance from -40 °C to +150 °C
- ETA 08/0004
- SNJF VI-VEC

Ködilaze S
2-part Structural-Glazing-Silicone
- Excellent UV resistance
- High modulus
- High temperature resistance from -40 °C to +150 °C
- ETA 08/0286
- SNJF VEC und VI-VEC

GD 823 N
1-part IG-Silicone
- Excellent UV resistance
- High temperature resistance from -40 °C to +140 °C
- Wide adhesion range

Isomelt
Hotmelt / Thermoplastic sealant
- Very low moisture and gas transmission rate
- Easy to melt
- Processing temperature +150 °C to +180 °C
- No purging or flushing losses
- No waste disposal issues

Ködimelt IG
Hotmelt / Thermoplastic sealant
- Very low moisture and gas transmission rate
- Easy to melt
- Processing temperature +150 °C to +180 °C
- No purging or flushing losses
- No waste disposal issues

All listed secondary sealants are approved to EN 1279
Ködispace and Ködispace 4SG are thermoplastic Warm-Edge-Systems with integrated desiccant which completely replace spacer bar, primary sealant and molecular sieve.
Ködispace 4SG has the additional ability to build a real chemical bond to glass and silicone which makes it especially suitable for the use in facades.

**Ködispace**
Thermoplastic spacer with integrated desiccant
- Replaces spacer bar, primary sealant and molecular sieve
- Excellent psi-values
- Virtually unlimited shapes
- Spacer width from 1 mm to 20 mm
- Fast wet out to glass
- Extremely low moisture vapour and gas transmission rate
- High flexibility and long service life
- Also useful in the manufacture of resin laminates
- Approved to EN 1279

**Ködispace 4SG**
Thermoplastic spacer with integrated desiccant
- Replaces spacer bar, primary sealant and molecular sieve
- Best psi- and Ug-values also for facade glass panes
- Low thermal conductivity
- Especially suitable for Structural-Glazing-applications in hot climate zones
- Additional chemical bonding to glass and silicone secondary sealant
- Extremely tight and durable gas filled facade glass panes with silicone secondary sealant
Ködiglaze S
GD 920
2-part Silicone for the secondary sealing of IG units

Ködiglaze S
GD 826 N
1-part Silicone Weather sealant

Ködispace 4SG
Warm-Edge-System

GD 826 N
1-part Alkoxy Silicone
- For the sealing of curtain walling, inclined glazing and roof glazing
- Neutral curing and odourless
- Very good weathering resistance
- Excellent UV resistance
- High temperature resistance from von -40 °C to +150 °C
- Meets the highest requirements of DIN 18545, part 2, group E
SYSTEM SOLUTION FOR DIRECT GLAZING

Ködiglaze P
2-part Polyurethane adhesive for rebate bonding
- Specially designed for the bonding of insulating glass units into the sash of windows
- Formulation and properties specially adapted to insulating glass secondary sealant
- Very good weathering and temperature resistance
- Optimum stability and flow behaviour
- Excellent resistance to creep
- Available also as 1-part system

Ködiglaze SDG
2-part Silicone adhesive for overlap or glass edge bonding
- Specially designed for the bonding of insulating glass units into the sash of windows
- Optimum pot life / curing ratio
- Optimum stability and flow behaviour
- Very good UV, weathering and temperature resistance
- High strength and elasticity
- Excellent resistance to creep

Ködiglaze ADG
2-part Acrylic adhesive for overlap or glass edge bonding
- Specially designed for the bonding of insulating glass units into the sash of windows
- Very fast curing
- On many surfaces usable without pre-treatment
- Formulation and properties specially adapted for the use in wooden windows
- Very good UV, weathering and temperature resistance
- Good UV resistance
- Optimum stability and flow behaviour
- Excellent resistance to creep
Ködiglaze P
1-part Polyurethane
- Specially designed for rebate bonding
- Formulation and properties specially adapted to insulating glass secondary sealant
- Available in 300 ml cartridges and 600 ml sausages

Naftotherm M 82
2-part Polysulfide
- Very good adhesion to glass and metal surfaces
- Available in 420 ml mixing cartridges

Ködisil N
1-part Silicone
- For glazing applications and expansion joints
- Good weathering, ageing and temperature resistance from -40 °C to +160 °C
- Neutral curing
- Antifungal
- Fulfils the requirements of DIN 18545, part 2, group E
- Overpaintable according to DIN 52452, part 4
Köralub PS
Lubricant for Polysulfide sealants
- For sealings, plungers and cylinders of mixing and dispensing equipment
- Reduces wear and tear

Köralub SI
Lubricant for Silicone sealants
- For sealings, plungers and cylinders of mixing and dispensing equipment
- Reduces wear and tear
- Reduces hardening of Silicones curing by humidity

Köralub PIB
Lubricant for PIB sealants
- For Hotmelt and TPS melting equipment
- Better slipping of the following plate
- Reduces wear and tear

Köralub PUR/POP
Lubricant for Polyurethane and MS-Polymer sealants
- For sealings, plungers and cylinders of mixing and dispensing equipment
- Reduces wear and tear
- Reduces hardening of sealants curing by humidity

Körasolv PU 677
Purging and cleaning agent for GD 677 Polyurethane sealants
- For cleaning of mixing and dispensing equipment used in insulating glass applications

Körasolv SI
Purging and cleaning agent for 2-part Silicone sealants
- For cleaning of mixing and dispensing equipment used in solar and insulating glass applications
- Dissolves cured and uncured Silicone sealants

Körasolv GL
- For cleaning and degreasing of plastic, metal and glass surfaces
- For removing uncured sealant and adhesive residues from tools and equipment
- As pre-treatment prior to bonding with KÖMMERLING adhesives and sealants