

PRESSEINFORMATION
PRESS RELEASE

KOEMMERLING: Structural Glazing Silicones

July 2009

KOEMMERLING Koediglaze S and GD 920 meet the requirements of ETAG 002

Structural Glazing stands for an assembly technique in facade engineering, where the glass elements are bonded to the supporting structure (anodised, powder coated Aluminium or stainless steel) with silicone sealants only – with or without mechanical transfer of their self weight.

Static and dynamic weights loads on the outside facade such as self weight, climate- and wind loads are transferred to the substructure by the structural bonding. Furthermore the adhesive must compensate the different alterations in length of the aluminium or stainless steel due to temperature change.

GD 920 is a 2-part Silicone to seal insulating glass units whose self weight is transferred mechanically, as described in ETAG 002 (type I and II).

With **Koediglaze S** (2-component silicone) glass and insulating glass units are bonded to a metal supporting frame with and without mechanical transfer of their self weight (ETAG 002 type I to IV). This silicone is also used for the manufacture of insulating glass elements, whose self weight is not transferred mechanically.

Both **GD 920** and **Koediglaze S** meet the requirements of EN 1279, including part 3 for gas filled insulating glass units as well as the requirements according ETAG 002 and EN 15434.

GD 920 and **Koediglaze S** have the ETA (European Technical Approval) and are also licensed in France (CEKAL and SNJF with VI VEC for **GD 920** and VEC for **Koediglaze S**).

The constantly high quality is documented by the CE mark.

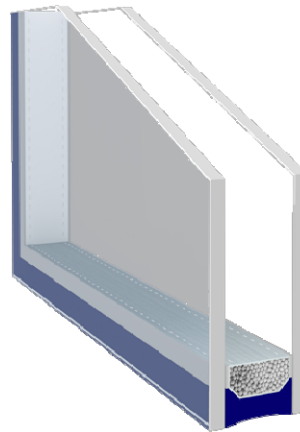
KOEMMERLING offers the most complete product range up of high quality sealants for the glass industry. Besides the Structural Glazing silicones

Postfach 2162
D – 66929 Pirmasens
Tel.: +49 6331 56-1100
Fax: +49 6331 56-1110
www.koe-chemie.de
e-Mail:
marketing@koe-chemie.de

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KOEMMERLING also has products for the primary sealant, Warm-Edge TPS, as well as secondary sealants based on polysulphide, polyurethane or isomelt in its programme.



*Fig. 1: Structural Glazing Silicones **GD 920** and **Koediglaze S***

More information on **GD 920**, **Koediglaze S** and other products in the Koemmerling range can be located on the company's website www.koe-chemie.com.

Background Note

Koemmerling Chemische Fabrik GmbH is a leading international manufacturer of high-quality adhesives and sealants and part of ADCO Global Inc. Its European headquarters and extensive research and development facilities are in Pirmasens, Germany and it has a network of subsidiaries, sales offices and sales partners, in more than 80 different countries. Members of the group have over 110 years experience of the development of adhesives and sealants. In particular the company has established itself as an innovative market leader in provision of Polysulfide, Polyurethane, Silicone and Polyisobutylene sealants for the insulating glass-, photovoltaic- and automotive industries.

Koemmerling Chemische Fabrik has been awarded ISO 9001, ISO 14001 and OHSAS 18001 certification.

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