

Cl/SfB		Yt4
CAW L40		
Uniclass L675:P91		
August 2008		

KEY BENEFITS SUMMARY

- Lowest conductivity warm edge spacer
- Suitable for fully automated application
- Smooth surface appearance & low sightline
- Excellent condensation resistance
- Low conductivity warm edge spacer
- Warmer edge of glass temperature
- Continuous moisture vapour barrier & low moisture vapour transmission - long life IG units
- Superior argon gas retention
- Proven durability in hot or cold climates
- Contributes to lower total window U-value
- Certification Standards:
 - EN1279 Parts 2, 3, 4, Part 6 B & C
 - ASTM E2190
 - ASTM E774 level CBA
 - CGSB 12.8-97
 - GOST 24866-99

PRODUCT INFORMATION

Description

Duralite™ is an insulating glass edge seal system constructed using a unique Composite Laminating Technology. Duralite is preassembled with proven components, sealant, spacer and desiccant to create a high-performance durable spacer system.

Usage / Purpose

For use in high-volume production of dual and triple pane insulating glass units in a one-step process where units are sealed using heat and compression. Designed as a single seal system, Duralite can also be used with a secondary sealant to create a dual seal unit.

Colour

Duralite is available in grey and black.

Packaging

Recyclable spools available in disposable packaging.

Sizes

Airspaces of 6 mm to 20 mm

Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details).

TECHNICAL INFORMATION

Performance (Typical Values)

MOISTURE VAPOR TRANSMISSION RATE (ASTM F-1249)
0.09 g H₂O /m² per 24 hrs

VOLATILE FOGGING (ASTM E2189 and CGSB 12.8)
None

ARGON PERMEABILITY (ASTM D-1434)
93-125 ml/m² per 24 hrs

BONDLINE ADHESIVE UV RESISTANCE
Excellent

DEW POINT DEVELOPMENT (ASTM E-546)
-29°C in 48 hrs

TENSILE STRENGTH (TST-389C)
0.345 MPa

THERMAL PERFORMANCE
For assistance in calculating psi-values and window U-values, please contact your Tremco illbruck Technical Sales Representative.

Note: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate value and are not part of the product specification.

USAGE GUIDELINES

Glazing Compatibility & Design Recommendation

- Any glazing sealant or other material coming into contact with, or in close proximity to the edge of the IG unit, must be compatible with Tremco Duralite. If in doubt, please contact your Tremco illbruck Technical Sales Representative.

Health & Safety Precautions

Non-hazardous under normal use for handling and waste disposal.

Storage

- Store in original airtight container.
- Expose to air only during application.
- Procedures for opening and resealing Duralite containers should be followed as outlined in Technical Bulletin IG019 available on TruSeal's website (www.truseal.com/techbulletin/pdfs/87.pdf).

Shelf Life

One year in unopened containers at storage conditions below 25°C.

Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

Tremco illbruck may offer an advanced Warranty Programme on Duralite. For full details, contact your local area Representative.

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.