



## CERAMIC TAPE 080

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Celdex Ceramic Tape 080 is a single-sided adhesive, asbestos-free, ceramic tape. The product is suitable as a sealing in fire-retardant glass and door constructions. Available on roll in the colour white.

### PROPERTIES

After removal of the release liner, Ceramic Tape 080 can be applied to the substrate, with even pressure. The product is suitable as a fire-retardant sealing of glazing, windows and doors. The tape achieves its sealing properties by making it connect properly to both jointing surfaces. A compression of 20 % is needed when a thermally, insulating and fire-retardant sealing is required.

### CHARACTERISTICS

- Single-sided adhesive (acrylate)
- Temperature resistant up to 900 °C (melting point at 1,330 °C)
- Asbestos-free
- As a fire-retardant sealing during the placing of glazing
- As a fire-retardant sealing for windows and doors
- Colour: white

### PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. Use the correct measurement for every joint. After removal of the release liner, Ceramic Tape 080 can be applied to the substrate. Carefully remove the release liner. The fibre structure of the product causes the risk of the adhesive coming off the tape. For a correct sealing, it is required to connect the tape to the jointing surfaces and compress it approx. 20 %. Apply the product to the substrate without tension and with even pressure, while preventing air entrapment. Ceramic Tape 080 should not be taped around corners, but should be applied with overlength. The tape should be recessed in the joint by at least 5 mm.



## SAFETY

No specific safety guidelines exist for this product.

## MAINTENANCE INSPECTIONS

Possible damages to the sealing materials can be timely identified by performing periodic inspections. In order to prevent consequential damage, reconstruction works will be carried out in consultation with Celdex. Before any reconstruction works are carried out, it is essential to establish the cause of the damage to the sealing and to ask Celdex for additional advice. This can be done by means of targeted visual inspections or by assessing the damage in a laboratory.

## IN CASE OF DOUBT

When in doubt, or in case of deviating circumstances, you can contact our Technical Department. Would you prefer customised advice? Our technical consultants will be happy to help you.

## CELDEX

Celdex is a producer of synthetic foam products for construction, industry, sports & leisure. In addition to a wide range of standard products, we also provide customisation. Whichever product you choose, we produce everything in-house and use short delivery times. Celdex is the one discussion partner for airtight construction for architects, construction companies and the supplying industry. Our consultants have broad constructional know-how and think along about construction, use of material and critical connections. Our products can usually be applied prefab, which saves a lot of time and construction costs. Throughout the building process, we provide advice about the application and processing of our materials, aiming for optimal performance.

Discover our assortment:

- Foam fillers
- Stone wool products
- Single-sided and double-sided adhesive foam tapes
- Pre-compressed foam tapes
- Butyl tapes
- Fire-resistant products
- Anti-drumming materials
- Duct seals
- Tapes
- Polyurethane foams, elastic sealants and adhesives

## TECHNICAL DATA

<u>Material</u>	Ceramic fiber (Ca-MG silicate fiber)
Density (DIN 53420)	190-210 kg/m <sup>3</sup>
Temperature resistance	-20 °C to +900 °C (short term 1200°C)
Tensile strength	> 650 kPa
Loss of volume after combustion	Approx. 8 %
Fire class	EN 13501-1 : A2-S1-d0; DIN 4102-1 :A2
Shrinkage	< 2 % after 24h at 1000 °C
Thermal conductivity	0.05 W/mK at 200 °C
	0.07 W/mK at 400 °C
	0.11 W/mK at 600 °C
	0.16 W/mK at 800 °C
	0.23 W/mK at 1000 °C
<u>Self-adhesive</u>	Acrylic with non-woven reinforcement
Service temperature range	-40 °C to +100 °C
Release liner	Siliconized 70µm LDPE film
Ageing resistant	Very Good
Available thicknesses	2, 3, 4, 5 and 6 mm
Joint types	Flat, parallel
Shelf life at storage temperature 20 °C	12 months in closed package

*The data on this product data sheet was represented as complete and as correctly as possible, but cannot constitute any guarantee. When in doubt, please consult one of our specialists. The application method, as also the application conditions will be your own responsibility. Deliveries will take place exclusively in conformity with our General Delivery and Payment Conditions.*