

CeraCon Sealing machine

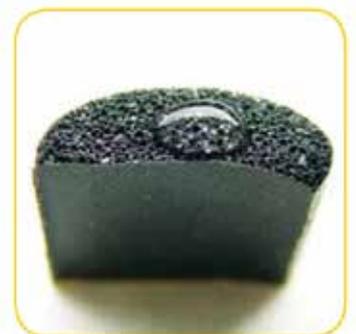


*The CeraCon foam sealing machine has been integrated in the injection moulding machine of Leomuovi's production line.
The automated production line ensures high quality and repeatability of products.*

In addition, it enables us to seal complex 3D-objects. The production line can produce an object and seal it at the same time. This speeds up the production process considerably. The sealant can also be used on ready-made plastic and metal products. There are only a few of these machines in Finland and demand is high.

Patented foam has superior properties

The single-component, closed-cell, patented foam guarantees superior properties. The CeraCon foam sealing machine uses a patented, single-component, thermally activated polyurethane material. The foam created during the CeraCon mechanical foaming method is mainly closed-cell. This guarantees that the foam has first-class properties, e.g. very low water absorption and excellent elastic properties.





Quick method – product is ready for use

The sealant is hardened at over 70 °C. The hardening process is quick (from a few seconds to a few minutes). The required time depends on the size of the object and the amount of foam used. The process does not change the structure or volume of the foam. The object is transferred to room temperature after it has been cooled and it is ready for use. The object can be subjected to mechanical strain immediately or it can be installed in its place of use.

Electrical sector:



Sealing of doors for switch cabinets



Sealing of linear luminaires



Sealing of display covers for electric hand-held units



Sealing of aluminium die cast covers for transmitter housings.



Sealing of housings for electronic parts



Sealing of covers for dispenser housings

Versatile, preserves nature

The sealant can be used to seal off, for example, water, dust or dirt and it dampens noise and vibration. The sealant preserves nature: it only contains a very small amount of free monomeric isocyanates. The raw materials are non-toxic and the produced waste can be disposed of like ordinary household waste. No toxic fumes or smells are released from the material when it is handled.

Examples of uses in white goods sector, building sector and automotive sector



Sealing of valve supports for washing machines



Sealing of inspection shafts for water channels



Sealing of window jambs



Sealing of exterior adaptor housings



Sealing of locker cases



Sealing of door modules



Sealing of third brake lights



The sealant is already being used by, for example: :

Siemens, Bosch, Miele, BMW, Audi, Mercedes-Benz, VW, Volvo, Continental, Philips, Valeo, and Metzeler.