

INSTRUCTIONS FOR USE AND HANDLING OF PETRALANA STONE WOOL PRODUCTS

When handling any PETRALANA stone wool product, comply with Occupational Health and Safety regulations, in particular:

1. Keep children out of the reach of the product
2. Wear an appropriate mask to ensure that no fibres can be inhaled through the respiratory tract (the mouth, nose)
3. Protect the skin against contact with the product
4. Wear an appropriate hat, safety goggles, shoes, and gloves
5. Wear long-sleeved clothes, including long trousers
6. Ensure appropriate workplace ventilation
7. Unpack the product only immediately before application in order to minimise the spread of dust and fibres over the workplace
8. Avoid unnecessary contact with a product that has been unpacked, e.g. when it is being moved
9. Cut the product only with a manually-operated knife intended for this purpose (avoid using any mechanical methods to do so because they may increase the spread of dust and fibres over the workplace)
10. Keep working areas clean
11. Clean the workplace using a vacuum cleaner on an ongoing basis
12. Dispose of any remains of the product constituting waste in accordance with applicable laws and local requirements
13. After working with the product, thoroughly rinse your entire body with cold water, wash it, and then rinse it again with cold water
14. When you have finished working, change into clean clothes, and thoroughly clean the clothes and equipment used during the work
15. Consult a doctor immediately in case of any worrying symptoms in persons who have or had contact with the product

Storage and warehousing of PETRALANA stone wool products

During loading and unloading, be careful not to damage the film in which the products are wrapped or the products themselves. When goods are stacked on pallets, be also careful not to damage the pallets. Load and unload goods using only authorised equipment intended for this purpose; such equipment must be operated only by persons qualified to do so.

Products must be stored in roofed and ventilated warehouses, in a manner which protects them against damage and weather (e.g. wind, moisture, rain, snow, hail, sunlight, etc.).

The floor of the product storage area should be prepared and hardened appropriately. In addition, the area should be level and dewatered to ensure that no pools of stagnating water can form there. Irrespective of whether they are packed or not, stone wool products must be stored in such a way as to ensure they do not have direct contact with the floor in their storage area; for example, they can be stored on dry clean pallets made of wood.

Do not allow stone wool to become wet. Wet stone wool may not be used, even if dried.

Installation of PETRALANA stone wool products

PETRALANA stone wool products should be installed in accordance with design prepared by a duly licensed designer responsible for designing the insulation, in accordance with instructions of the manufacturer whose tested insulation system is used to insulate a given partition, and also in accordance with best construction practices.

In any event, and in particular after receipt but before installation of PETRALANA products, check their Declaration of Performance and their marking (labels) in order to compare the properties and information stated therein with those required by design documentation and with those stated in the appropriate document characterising the applied tested insulation system (e.g. technical assessment / classification / etc.).

Handling of PETRALANA compressed products prior to their installation in order to obtain their declared thickness

The manner in which PETRALANA compressed products should be handled prior to their installation in order to obtain their declared thickness is described in Appendix 1, which constitutes an integral part of these instructions.

Appendix 1

Title: *"Handling of PETRALANA compressed products prior to their installation in order to obtain their declared thickness"*

Compression of PETRALANA stone wool products makes it possible to increase the amount of insulation material in the packaging.

PETRALIGHT stone wool insulation slabs are compressed products.

Prior to installation of compressed products, the following instructions, prepared on the basis of the *EN 13162:2012+A1:2015* Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification standard, must be followed each time:

- a) Take the insulation slab out of the packaging.
- b) Hold the slab upright with both hands along its long side, so that the other long side is approx. 450 mm above the ground.
- c) Drop the slab so that it hits the ground.
- d) Repeat the above steps for the opposite side of the slab, and then for the remaining slabs in the packaging.
- e) Before measuring thickness, wait at least 5 minutes for the slabs to return to their original shape.

Slab thickness should be compared with declared values.