

Before using our calcium silicate products (Thermal insulation materials, fire-resistant materials, etc, hereinafter collectively to an “our products”) and relevant products, please be sure to read and confirm the following. Although the following includes the basic notes of caution, prohibited actions, and disclaimers about our products and relevant products, please also refer to the work instructions or the accompanying notes of caution on the product the construction method and the construction work for each product before using it. If you have any questions, please contact our sales staff.

1. Notes and caution on Design

- 1) Work out the design that satisfies the specifications required by customers and/or the law and the relevant enforcement orders, notifications and certifications for each region where our products are used.
- 2) Do not design and use our products in the areas directly exposed to water without adequate waterproof treatment. It may cause damage to the product.
- 3) Do not design and use our products in the areas exposed to a particularly heavy concentric load or impact load. It may cause damage to the product. If you have to take into account the load, etc., please consult our sales staff.
- 4) Do not design and use our products in the wet place always in contact with soil or water. It may cause the durability deterioration of the product and, in some cases, cause damage to the product.
- 5) Do not design and use our products in the location that may come under a chemically harmful effect. This may cause deterioration of the durability of the product and, in some cases, cause damage to the product.

2. Notes and caution on Construction

- 1) Our products shall be constructed with the method according to the requirements by customers and/or the law and the relevant enforcement orders, notifications and certifications for each region where our products are used.
- 2) Do not construct our products with a method in which the loaded screws are supported by our product. This may cause damage to the product or dropping of the product. The construction must be constructed so that the screws shall always be supported by supporting materials such as the steel furring.
- 3) Do not construct any finishing work, such as tiling or mortar, on our products. There is a risk of falling of the finishing materials.
- 4) Although the processing of our products, such as cutting, drilling, and chamfering, at the construction site is possible, take extra care in the handling of the product during the work so as not to damage its corners and edges by contact, etc. This may cause a defective appearance.
- 5) Do not put any objects on our product or get on them.

3. Notes and caution on Storage and Transportation

- 1) When storing our products, do not store them in a place exposed to rain, water, or moisture. If the products absorb water, this may cause a decrease in strength and grow algae or mold. When our products have to be stored in a place where they may be exposed to water splashing, always cover the products with a waterproof sheet to prevent exposure.
- 2) Store our products in a place away from direct sunlight. In particular, when the products are packed with a film, note that the film may be damaged by deterioration due to sunlight, and the protection capability for the products may be lost.
- 3) Store our products in a level, flat place as far as possible. Do not store our products in a stack exceeding 1 m or by propping them against something. This may cause the products to tumble, fall, topple, or deform when a force is applied to them.
- 4) For our products packed in a corrugated cardboard case, store the case in the vertical position (in a direction in which the products in the case are in a standing position). If our products are stored in a horizontal position, the products in the case are susceptible to damage by a force on the case.
- 5) If our products are transported by a vehicle, carrier, etc., stack them as flat as possible and protect them with a sheet to prevent them from falling. Additionally, when the products are transported, loaded, and unloaded, take extra care so as not to damage the corners or edges of the products by contact, etc. It is recommended that our products be protected with cushioning materials before the operation.
- 6) For our products that are in the shape of a plate, carry them by holding the board surface vertically. If our products are carried by holding the board surface horizontally, our products may be damaged due to deflection or vibration.

4. Notes and caution on Safety and Health

- 1) Be sure to observe the instructions on our product safety data sheet and the terms of laws and regulations related to health and safety, such as the Industrial Safety and Health Law, and construct our products with the greatest care.
- 2) When cutting or processing our products, always observe the regulations concerning the prevention of dust hazards in each region. Furthermore, use a dust collector or dust arrester and wear a dust mask, protective glasses, protective gloves and long-sleeved protective clothing according to the need for protection of the human body. When an electric cutting machine is used, use a machine equipped with a dust collector.

- 3) If the powdery chips of our products get into the eyes, rinse cautiously with water for several minutes. If wearing contact lenses that can be removed easily, remove the contact lenses. Thereafter, continue rinsing. If the powdery chips of the products become attached to the skin, wash the area with plenty of water and soap, and then rinse with warm water.
- 4) After the construction of our products, be sure to gargle the throat and wash the hands. Additionally, if powdery chips from the products become attached to the clothes, brush off enough to pay attention to the scattering of dust. Wash the clothes before reuse.
- 5) If you feel unwell, and if skin irritation occurs, consult a physician for diagnosis and treatment.
- 6) Do not eat, drink or smoke when using this product.

5. Notes and caution on containing component

Among the ingredients contained in the product, there are ingredients that may have a harmful effect on the human body. In addition, the contents of ingredients are different depending on each product and thus the contents of hazards and harmful influence can vary. For precautions on ingredients contained in the products, please check the latest safety data sheet of each product issued by our company.

6. Notes and caution for other

- 1) The color tone of our products may vary from production lot to on the production lot. The color tone or gloss may also change due to the surface treatment such as water-repellent treatment.
- 2) To prevent the fire-resistant cladding materials from falling due to an external force, such as earthquake, wind, and vibration, or due to a larger size of the steel product to be clad, separate supports (of the same silicate calcium material or a metal material) may be required in addition to the support of the standard construction. These supports must be constructed taking into consideration the industrial design and the condition of the site.
- 3) Please discard our product accordance with the rules on waste in each region,
- 4) Although the surface of our water-repellant products may look wet due to water leaks, this has no influence on the water-repellant performance.
- 5) The spots (white, gray, etc.) on the surface of our products are grains of calcium silicate that occur under normal manufacturing conditions and have no influence on quality.
- 6) Since the various notes may be updated by the latest information, please refer to our website for more information.

7. Disclaimers

If any problems related to our products occur during use, please contact our sales staff, and we will respond to them faithfully. **Note, however, that we are not responsible for any problems if the problem is fall under to any of the following:**

- 1) When the problem arises due to failure to conform to the provisions set by us or in the various certificates and specifications.
- 2) When the problem arises due to failure to conform to the prohibited actions and notes of caution described above.
- 3) When the problem arises due to the user's unique specification, construction method, materials, parts, etc., clearly deviating from the recommended standard specifications by us.
- 4) When the problem arises from the construction or site management outside the range of construction to which we are responsible.
- 5) When the problem arises from an external factor other than our products or construction method, such as the building structure, deformation of foundation, aging, and collision from the outside, etc.
- 6) When the structure, performance, or specifications are modified by a third party after the delivery of the products and the problem arises from such modification.
- 7) When the problem arises from the intention or fault of the user or a third party.
- 8) When the problem, such as dirt, arises from dust due to normal aging or exhaust gas.
- 9) When the problem arises from the use, storage, or transportation etc. under a condition other than the normally expected environmental conditions (temperature, humidity, barometric pressure, water pressure, etc.).
- 10) When the problem arises from a special factor of a natural disaster, such as earthquake and typhoon etc.
- 11) When the problem of contamination arises due to algae, mold, or rust of a metal object like a screw from the use, storage, or transportation etc. in an environment where water immersion due to defective water prevention work, dew condensation due to a humid environment, such an aeration, heat insulation, and steam supply, or extreme high humidity occur.

Our products may be subject to the laws and regulations, ETC. of the government or industry body of any jurisdiction where design, construction or use of our products is made.

Therefore, designer, constructor or user of our products shall comply with all such applicable laws and regulations as may be applied to our products in such jurisdiction and at its own expenses obtain and arrange for the maintenance of all government approvals, if any.