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**MANUFACTURER RECOMMENDATION :**  
**zinc : finish. storage. handling. installation**

**Introduction :**

Zinc is considered a natural, organic, noble material, prestigious and of the highest quality. It's durable and intrinsic with a pre-weathered (patina) finish. Perceived as, and chosen in design for, being a "living" material; textured by its natural lineage, while still being fragile. See the precautions below.

**Storage :**

It is suggested to store zinc indoors, in a dry environment, kept well-ventilated at a controlled temperature; stable and constant to avoid condensation. Any material being transported and or stored temporarily outdoors and or left on a construction site must be kept dry and protected from the elements in a well-ventilated space, elevated from the ground, ensuring that no horizontal part come in permanent contact with rain water, moisture and or condensation. All pallet packaging must be inclined at an angle. If in contact with stagnant moisture, "white rust" may form on the surface of the finish, leaving indelible traces.

**Handling and Manufacturing :**

It is suggested, while handling material, to leave the protective surface film on which will protect the pre-weathered (patina) finish. Avoid manipulating with bare hands. Clean, grease-free white cotton gloves are suggested while handling and manufacturing. When working and moving the material, ensure that it does not rub while being moved. Ensure a clean, dust-free space. When packing, foresee protection for the edges and flat surfaces of all manufactured panels.

**Installation :**

During installation, it is suggested to leave the protective surface film on to protect the pre-weathered (patina) finish; this will protect during and at the end of installation. The protective film must be removed according to the following: VM zinc white opaque film= remove after 3 months/Nedzink transparent film = remove after each day, especially when exposed to sun and intense heat. With and without the protective film, the construction site and immediate environment of installation site must be, during and at the end of the work, free of all particles or dust which may have come into direct contact with the surfaces. During installation, ensure a minimum temperature of 7° Celsius for the zinc material. All adjacent work (circulation, isolation, and masonry, exterior work, pouring or cutting of cement, washing, and scaffolding) must be realized while continuously protecting the zinc surfaces. All subsequent work (site cleaning, or final cleaning, or maintenance cleaning, window washing, swing-stage with vertical wheels) must avoid any and all contact with the zinc surface. Concerning swing-stage scaffolding during construction and subsequent washing protect the white protective wheels with white cotton material.

**Finish :**

Zinc achieves its pre-weathered (patina) finish through an in-factory mechanical and chemical treatment by "forcing" natural aging into an accelerated aging process. This pre-weathering gives a constant surface with a certain visual rendering that can have a normal, light, visual difference, non-uniformity from one production to another, one panel to another, one sample to another. Medium to long-term, with natural exterior exposure, this visual difference will be attenuated with the natural patina. A natural film is deposited on all panels in addition to the natural aging of zinc and natural weathering, thus reducing the normal visual difference of zinc in addition to the exposure conditions as well as the surrounding environment which can affect, in micro-climate, the visual rendering of zinc.

**Maintenance :**

No special maintenance or cleaning is required; the special natural patina of the film from exterior air and the natural weathering process will be continuous as a natural protection.

**Traces :**

Any handling or touching with bare hands may leave a visual trace on the pre-weathered (patina) finish; this visual trace is the result of "human moisture" coming in contact with the pre-weathered (patina) finish. Stagnant moisture may cause a "white rust" to form on the surface of the finish, leaving indelible traces.

**Note :**

Therefore, zinc is a "living" material reacting to its exposure, which makes it the very property of zinc and the initial goal in design and choice of this material.