

architectural BRONZE CASEMENTS

PROJECTS IN COASTAL REGIONS

Coastal regions, for the purposes of this guide, can be determined as within five kilometres from any coast or tidal estuary. There are two issues which may affect the performance of the factory finish of Architectural Bronze casements:

- Abrasion due to airborne sand particles
- The increased level of pollutants, such as salts, in the atmosphere

Architectural Bronze is a living metal and following manufacture, dispatched with a protective wax coating to preserve the patina from the elements. In normal environments a regular reapplication of this wax coating will maintain the finish and further lubrication of hinges and other moving parts will ensure continued performance. We would recommend this maintenance is undertaken every six to twelve months.

Due to the accelerated abrasion and oxidation experienced in coastal regions and other exposed locations, Architectural Bronze casements will require a strict and frequent maintenance regime. The exact period between maintenance will be determined by environmental conditions and location, some may require more regular maintenance than others and this should be an important consideration when choosing Architectural Bronze in coastal areas.

SURFACE FINISH

We would recommend the reapplication of wax to frames is repeated as regularly as every 3 months to prevent the oxidation and discolouration of the surface.

If left without regular maintenance, the wax will deteriorate allowing salt and chlorides to leave a white/green salt on the surface. These salts are corrosive and it is therefore recommended that a wax is reapplied well before the appearance green or white salts to the surface.

If this natural patina does occur and is desired, we would still recommend a regular reapplication of wax to retain the finish and prevent further deterioration of the surface.

MOVING PARTS

Hinges, handles and other moving parts may stiffen and bind if either not used regularly or not kept well lubricated. It is essential that a simple maintenance regime is kept on all moving parts to maintain performance and structural integrity. Failure to maintain may result in damage to handles and hinges.

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