

BRASS



APPLICATIONS ON PRODUCTS

Tense Material, Link1, Link2, Square

ORIGIN OF THE MATERIAL

Brass, an alloy composed of copper and zinc in varying quantities, is mainly used in applications requiring both good mechanical resistance and decorative properties.

TECHNICAL FEATURES

The brass used by MDF Italia is a special alloy that is particularly easy to process, while preserving the material's fundamental features. It is used in the form of continuously cast brass sheets which are then rolled.

The product's unique surface finish and its particular unevenness are obtained manually by a sanding process that is neither mechanical nor automated, adopting the greatest care and professionalism and paying meticulous attention to every single detail of the finished product. While fundamentally the same, each item is an original one-off.

PRINCIPAL PROPERTIES

Brass is a soft, malleable material with a good resistance to corrosion; the top in this finish is granted greater hardness and resilience by the particular treatment applied by MDF Italia.

Its particular "shading" results in an intense light/dark effect that grants a refined yet never cold appearance.

MAINTENANCE

Brass boasts good mechanical and chemical resistance, yet it is also delicate given its particular surface.

To avoid leaving spots or stains, perform the following operations on the whole surface, using circular movements.

For everyday cleaning, use a soft cloth moistened with water.

For more thorough cleaning, use a soft cloth moistened with a small amount of mild non-abrasive detergent containing no ammonia and/or vinegar (e.g. a degreaser).

After cleaning, rinse the whole surface with a soft cloth moistened with water and wipe with a soft dry cloth.

REMEMBER:

- Use water and mild gentle soap and dry with a soft clean cloth;
- Use any normal mild detergent provided it does not contain chlorine or its by-products and compounds, such as bleach, hydrochloric acid, ammonia and vinegar;
- Avoid using abrasive sponges and pads made of steel or other abrasive materials that would inevitably scratch the surface;
- Avoid banging or cutting the surface with blunt objects which could scratch it and remove its protective layer;
- Avoid leaving liquids on the surface for long periods of time to prevent the formation of lasting marks and stains. Any liquids must be removed as soon as possible;
- Do not use alcohol, stain removers, thinners, acetone, trichloroethylene, ammonia, bleach, vinegar, anti-limescale cleaners or any other fluid containing these substances;
- Do not use abrasive powder cleaners or detergents which could damage the aesthetic appearance and surface finish of the product;
- Do not drag objects across the surface and do not concentrate on one particular area when cleaning the top (this may alter its matt effect);
- Do not place hot pans and/or objects, portable ovens or stoves on the surface as these could cause deformation and yellowing.

RESULTS OF COMPLETED RELIABILITY AND PERFORMANCE TESTS ARE AVAILABLE		
REFERENCE STANDARD	TEST PERFORMED	RESULTS
EN 12720:2009 + A1: 2013 Furniture	Assessment of surface resistance to hot and cold liquids	LEVEL: 4
UNI EN 10782:1999	Determination of hardness	14/20 (3H)