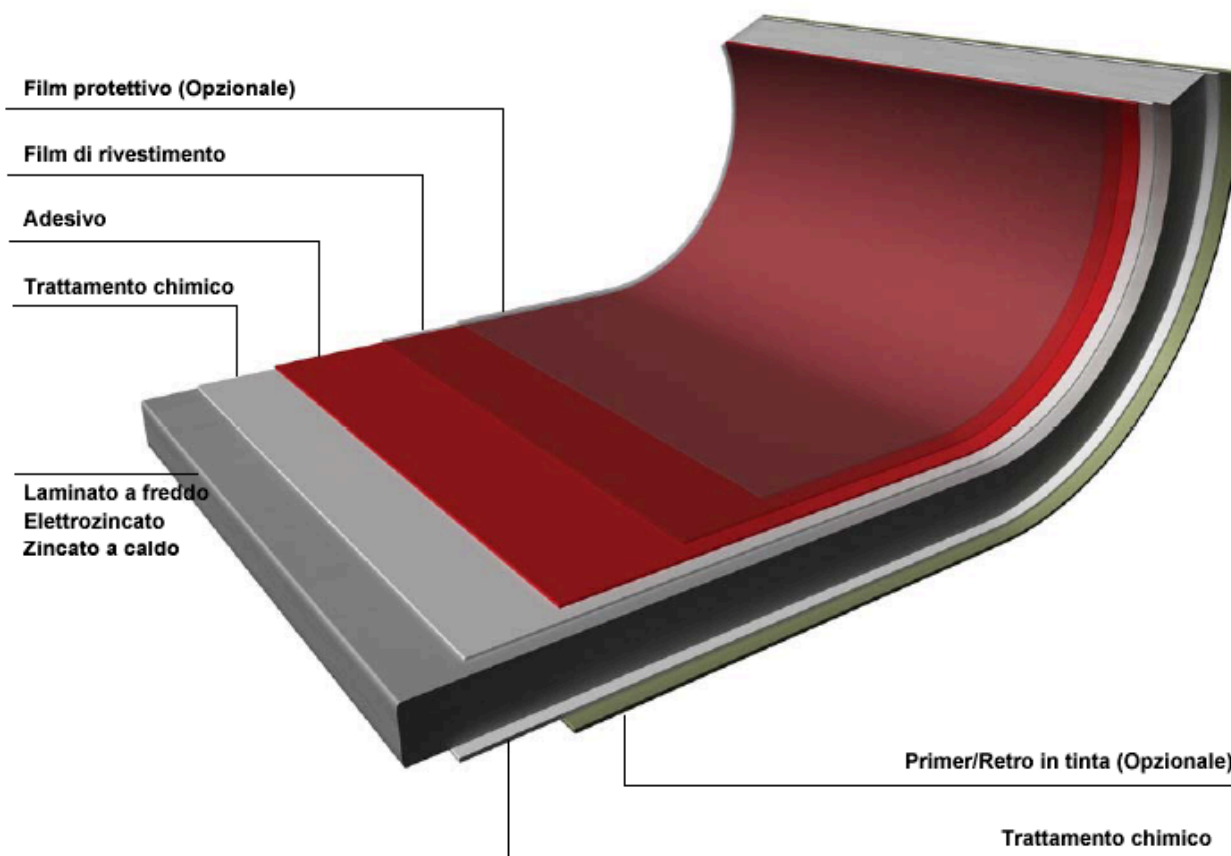




EASYWHITE- Product family fact sheet

1. Product structure

Product structure graphic diagram





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Product description

EASYWHITE product is achieved through a specific cycle coupling on a steel stand thin-film coating (Standard support electrogalvanized– DC01+Zn quality – Referenced norm UNI EN 10152). The product is characterized by high resistance to working cycles..

It can be folded, milled, stuffed with no micro flaws at the white coating detachment. Easy White thanks to its special nature, polyester resin, it is completely atoxic, fireproof and in contact with the fire gives off toxic vapors or fumes.

It can be cleaned with solvents \ surfactants particularly aggressive without that its surface is damaged, softened or matt.

Other types of available supports

Cold rolled steel – Referenced norm UNI EN 10130

Hot dip galvanized steel – Referenced norm UNI EN 10142

Applications

The EASYWHITE product is widely used in the following industrial sectors:

- Shelvings
- Refrigerators
- Home appliances



2. Product technical characteristics:

The values of the technical characteristics below are the results of tests performed on the product with a standard support and coating.

Upper surface stratigraphy and properties

Chemical cleaning treatment and passivation

Primer - 5/8 μm

Top coat - 20/25 μm

Possible removable protective transparent film - 30-60 μm depth

| Technical features | Referenced Norm | Min. | Max | Notes |
|--|-----------------|------------------------|-------|-------------------------------------|
| Drawing adhesion | UNI EN 13523-6 | 80 % | 100 % | |
| Impact adhesion | UNI EN 13523-5 | No detachment is noted | | |
| Shine | UNI EN 13523-2 | 5 | >100 | (Gloss) – light incidence angle 60° |
| Resistance to humidity (95% humidity/38 °C) | UNI EN 13523-23 | No variation (1000 h) | | |
| Resistance to stains | UNI EN 13523-18 | Good | | |
| Resistance to MEK | UNI EN 13523-11 | Good | | |
| TB Adhesion | UNI EN 13523-7 | 0T | 0T | |
| Cracking TB | UNI EN 13523-7 | 0T | 0T | |

Lower surface stratigraphy and properties

Chemical cleaning treatment and passivation

Foaming protective primer - 5-8 μm depth (Optional)

| Technical features | Referenced Norm | Min. | Max | Notes |
|--------------------|-----------------|------|-------|---------------|
| Drawing adhesion | UNI EN 13523-6 | 80 % | 100 % | |
| Resistance to MEK | UNI EN 13523-11 | 10 | 50 | Double strike |
| Foamability | Excellent | | | |

Note: It is possible to have a pre-painted lower surface finish upon request.



3. Handling

Transport

Transport must take place in conditions that can guarantee protection of the material from humidity and condensation. The placement of the materials in vehicles must guarantee protection from blows, abrasions and tipping over.

Storage

In general, laminated products must be kept away from humidity, rain and any risks of condensation, as is true for the original metallic support material. For this reason, storage facilities must be covered and if possible, ventilated with constant temperatures.

The products must not come into sporadic contact with or be exposed to corrosive agents, such as solvents or other chemical products which could cause damage.

Processing

Material suitable for processing with pressing/bending, punching and profiling processes.

For correct processing, it is fundamental to perform periodic and thorough cleaning of the equipment and the surfaces that come into contact with the product.

It is recommended to keep the material at a temperature which is not below 18° C during the working cycle.

4. Maintenance

Cleaning

Cleaning can be executed using normal water, or if this is not sufficient, using a soft cloth dampened with a neutral or slightly alkaline detergent and water solution. This should be followed by rinsing and drying the surface carefully.

Touch-ups and refinishing

In the case of damage to small areas of the superficial layer, it is recommended to sand the affected area, clean it thoroughly and then paint it with a two-part enamel.

Note: In regards to the operations described in Section 4.1, avoid using solvents or abrasive substances.



5. Production Range

| Cold laminated Electro zinc coated/ Hot pressed zinc coated | | Depth(mm) | | | | | | | | | | | |
|---|-----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.2 | 1.5 | 2.0 | 2.5 |
| Width: (mm) | 700/800 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | 800/900 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | 900/1000 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | 1000/1100 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | 1100/1200 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | 1200/1300 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | 1300/1400 | | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| 1400/1500 | | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | |