

zetagi[®]

CHROMASYSTEM

WOOD REFINISHING



THE COMPANY

Zetagi brand was born in 1957 and, from the very beginning, the Company is characterized by three factors: strong focus on innovation, pragmatism in the proposed solutions, great production flexibility coupled with a fast delivery service: constant features in its history and milestones of the generational hand over and into the various stages of company life; factors that have brought the brand to achieve prestigious and ambitious goals. The secret of these results lies in the capability to choose human resources and build the team, in the expertise in the chemical formulation and industrial production, in the proactive approach that has allowed, sometimes, to anticipate market needs and offer concrete solutions. This is also due to the constant introduction of qualified human resources in the R&D laboratories, with direct effects in the innovation of the paint systems proposed to the customers. Zetagi has achieved constantly growing results and this has allowed the acquisition of other brands and a total work force of 70 people. Recently the Company has significantly strengthened its position in the field of Protective Coatings by concluding a transaction that brought the historic Veneziani brand into Zetagi team. This acquisition, along with the great proposal capability, the effective organizational structure, the range and the high quality standard of the products, is a clear prerequisite for the consolidation of Zetagi's leadership in the domestic market and greater success in the foreign markets. Actually, Zetagi has obtained since 1995 the ISO 9001 certificate issued by SGS, Swiss Association for Quality and Management Systems.

"Enhancing your project quality and endurance is our every day commitment."



THE COLOUR

COLOUR STANDARD PRINCIPLES

- Colour plays a key role in our life, as confirmed by an increasing demand for coloured coatings. This increasing demand goes with the need of a wider range of long-lasting and reproducible colours: in order to fulfill customer's different requirements, many performing colour standard systems have been developed.
- In a colour standard system, BASES are uncoloured coatings, which achieve the required colour by pigmented ingredients addition. ZETAGI CHROMASYSTEM uses transparent bases.
- The colouring ingredients are concentrated dispersions of organic and inorganic pigments which are used to colour the bases. These colourants are either solvent-borne or water-borne. Their main features are resistance to light and atmospheric agents, matt and gloss levels, aesthetic appearance and compatibility with the bases they are added to.
- All systems utilize dispensing machines that vary according to function (in plants or warehouses), dosage (volume or weight) and operation (manual or electronic).

COLOUR & LIGHT

- Apart from colour perception, in order to gauge the colour differences we have to consider the light source.
- In colorimetry, metamerism is the matching of apparent colour with different spectral power distributions. This phenomenon is the reason why the same colour is perceived differently under natural or artificial light.



WHAT IT IS

- CHROMASYSTEM is ZETAGI's tintometric system. It reproduces the production process as in our plant, using the same products and formulations in order to guarantee **REPRODUCIBILITY CONSISTENCY**.
- Wholesalers or retailers can formulate the products as in the plant, since bases and colorants are the same. The whole process is **VERY EASY** and a very **WIDE RANGE** of colours may be obtained.

PRODUCTS

With **18** colour pastes, all hues can be obtained.

CHROMASYSTEM is set to reproduce all RAL colours. In order to formulate non RAL colour samples, it can be connected to an integrated spectrophotometer.

The spectrophotometer detects and formulates any colour allowing a **COMPLETE RANGE** of colours to be used with any kind of paint :

- POLYURETHANE
- POLYURETHANE - ACRYLIC.
- ALKYD
- NYTROSYNTHETIC

CHROMASYSTEM Wood Refinishing is also available for water-borne products, with 15 water-borne colour pastes with many kinds of acrylic finishing coatings.

CHROMASYSTEM is suitable for **LIGHT INDUSTRY** products as well; the solvent products use the same colour pastes as the wood products, allowing **LOWER INVENTORY COSTS** and **LOWER INVESTMENTS** with only one dispensing machine.



HOW IT WORKS

- ZETAGI produces both the bases and the colouring pastes with a certified quality system which guarantees **CONSTANCY** and **DURABILITY** of the colouring process.
- CHROMASYSTEM optimizes the use of pastes. The colourant quantity has been determined in order to reach the **RIGHT COVERAGE** with the minimum amount of pastes to ensure **EFFICIENCY** and **COST REDUCTION**.
- Colours made with high coverage colourants, like black or oxides, need smaller quantities of pastes than colours made with low coverage colourants like yellow or red.



CHROMASYSTEM



THE SOFTWARE

- By interfacing the spectrophotometer with a colorimetric software, you can formulate and reproduce any colour.
- The ZETAGI CHROMASYSTEM accurate graphical interface is EASY to use and read. You can obtain the right formulation with a few easy steps; the instructions are simple and clear for every system function, including colorants dispensing.



- The SPECTROPHOTOMETER measures the colour sample and produces a graph which represents it univocally, regardless of light conditions.




HARDWARE

CHROMASYSTEM works with the following kind of dispensers:

- MANUAL
- ELECTRONIC FOR AVERAGE PRODUCTIVITY
- ELECTRONIC FOR HIGH PRODUCTIVITY

It is therefore suitable for different productivity needs.





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