

MASQUELACK®



WOOD COATINGS

EXTERIOR
COATINGS

We are setting new standards for exterior wood coatings

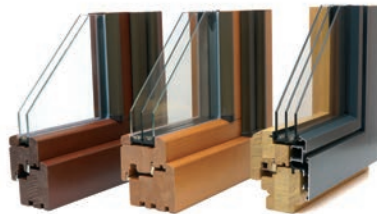
Masquelack's coating products and systems for exterior exposed wooden elements like e.g. windows, doors, claddings, shutters, balconies, conservatories, garden furniture etc are setting new standards by use of "state of the art" raw material technologies.

Wood is a natural material and many people wants to maintain the look and feel of the natural wooden surface, also after application of coating materials.

Our products deliver this optical feature and by use of well-proven and documented technologies we ensure that your valuable coated wooden elements are provided with an extended service life and well protected against degradations from natural weathering, UV radiation, humidity, mould and fungal attack in various climate zones around the world.



WOOD WINDOWS & DOORS



WOOD/ALU WINDOWS



SHUTTERS



BALCONIES



GARDEN FURNITURE



CLADDINGS

Our products range carefully developed to deal with many issues

When it comes to treatments of exterior exposed wooden elements Masquelack has an environmental compliant, top-class product- and system offer for elements produced in both softwood and hard wood.

Masquelack s exterior wood coating products and systems are carefully designed to protect the wood against moisture as this is one of the biggest enemies to a long-lasting service life of your wooden elements.

With the use of our products, the wood is thoroughly protected as a long-term durable moisture barrier is build. Our cautious selections of binders used in the different products secure an optimum penetration and adhesion, not only to the wood substrate itself, but also between the layers in the coating system.

In spite of keeping moisture away from the wood is one of the key tasks when formulating durable wood coatings, our use of micro porous binder technologies also allows the wood to breathe as they allow moisture vapour to pass through the coating layers and consequently the timber can maintain its moisture content equilibrium throughout the changing seasonal weather conditions. Hereby, the risk of moisture accumulation is significantly reduced.

Application and processability in your manufacturing process are also our concern

That the visual feel, look and protection of the coated wooden elements is vital is unquestionable, but reaching this quality level in an efficient way is also a key feature the Masquelack coating products delivers.

In our own full-scale application centre, we have during the development phase made sure that not only does our products deliver a visual appealing surface and top-class protection, but also an easy processing of our coating materials, ensuring that your manufacturing process can run fast and smooth, have had our full attention.

Our intensive investments in full scale application equipment is key in our concept and service as it provides our customers with access to the latest application technology. Furthermore, it gives us the ability to produce and test complete coating systems under realistic conditions before presenting our solutions to the market and consequently reduce costly down-times on our customers production lines.



Technical service support is a key to us

It is important to underline, that we do not only deliver high quality products but also an intensive support to our customers regardless if your focus is for increased efficiency, quality performance, aesthetics or trouble shooting in general.

Our technical team and applications specialists have long experience in wood coating products, application equipment and general processing machinery used in the wood industry.

If you need our input for line design engineering when upgrading existing lines or at new turn key projects, we are just a phone call away.

With our in-depth combined knowledge our skilled technical team is always ready to help and serve you at your location.



MasqueWoodPro



Our wood protection products are named MasqueWoodPro and this product range includes industrial water-based wood preservatives which protects exterior joinery against blue stain and wood decaying fungi.

The products are authorised in accordance to the BPR directive.

WOOD RESISTANCE CLASSIFICATIONS

(according to EN350-2)

	SOFTWOOD	HARDWOOD	DURABILITY CATEGORI HEARTWOOD	DURABILITY CATEGORI SAPWOOD
Spruce	X		4	4-5
Hemlock	X		4	4-5
Pine	X		3-4	4-5
Larch	X		3	4-5
Oregon Pine	X		3	4-5
Mahogani		X	2	4-5
Oak		X	2	4-5
Dark Red Meranti		X	2-3	4-5
Light Red Meranti		X	3-4	4-5
Teak-Afzelia		X	1	4-5
Framiré		X	2-3	4-5
Iroko		X	1-2	4-5

1 - VERY DURABLE / 2 - DURABLE / 3 - MODERATELY DURABLE / 4 - SLIGHTLY / 5 - NOT DURABLE

Above Wood resistance classification table clearly shows the need of use of our MasqueWoodPro wood protection products as the sapwood part of many wood species does not deliver the expected durability without treatment with a suitable wood protection product.



MasquePrimer



Our MasquePrimer product range covers both primers for flow coat/dipping- and spray application.

Our translucent flow coat primers offer a perfect balance between equalisation and transparency and is therefore the perfect choice when a high-quality translucent appearance is required.

Our opaque flow coat primers deliver good hiding- and filling power and an easy sandability in situation where this is needed.

Flowcoat/dipping primers have been formulated to provide good run-off properties and all products leaves a homogenous, smooth surface with minimum of wood fibre rising perfectly ready for subsequent mid- and/or top coats.

Furthermore, the primers also reduce potential discolorations from water soluble tannins and extractives from hardwood and from knotty softwoods such as pine and spruce.

Consequently the Masqueprimers, with their a very competitive and versatile property profile, beats almost any challenge when manufacturing high quality factory finished wooden elements.



Our exterior wood coating systems are used for high quality window systems regardless being façade, wood/aluminium or roof windows

MasqueMid



The MasqueMid product range includes intermediate coating to support production of e.g. high-end windows and doors. With its enhanced properties of levelling and solid contents it is a key product in a 4-layer exterior coating system.

The intermediate products are available both for flow coat and spray application and provides a high-end voluminous surface and gives an excellent foundation for the subsequent layer of top coat.

Furthermore the MasqueMid products are widely used on the wide variety of coarse-grain woods used in the European wooden window manufacturing industry and shows excellent pore-filling properties when treating hardwood.



Our MasqueMid is key product when producing high-end window systems

MasqueTop



Our Topcoats are suitable for a wide range of application and process equipment and characterised by generating a minimum of micro foam formation during the application process providing an excellent levelling delivering an even more smooth, beautiful and natural appearance.

The very homogeneous surface also leads to extraordinary high transparency in translucent coating systems underlining the natural look and feel.

The surface dry and cure to a hard but still elastic finish allowing the coating system to follow the natural movement of wood.

The Topcoats are formulated to dry and cure fast allowing high efficiency in your manufacturing process. The surface is left with good blocking stability allowing quicker formatting of the wooden components.

The final application of MasqueTop protects the coated wooden elements against general weathering, dirt pick-up, UV degradation, mould and fungal attack after being installed and exposed to natural climate conditions

Standard and customer specific colours in both translucent and opaque topcoats are available.



Our coating systems for exterior wood delivers an aesthetic appealing surface with respect of the natural wood. Topcoats are available in an almost unlimited number of colours regardless translucent or opaque systems. Our highly innovative and automated tinting systems ensure fast and reliable deliveries of even small batches to fulfilling your exact needs on-time.

Our company

Industrias Químicas Masquelack is a family owned company in second generation and has been growing constantly since the establishment in 1978.

Our headquarter is located in Masquefa close to Barcelona in Spain and we work through own sales companies/competence centres and a wide distribution network

The growth of our company is based on four fundamental pillars:

- International-orientated interest
- Commitment to quality
- Continuous innovation
- Environmental and sustainable solutions

With almost half a century experience within the industrial wood coating industry we are a well-reputed company who understands how to treat and protect wood.

“Mas que” in Spanish means “more than” and this is exactly what you can expect from us regardless if we are talking service or product quality. We strive to be a different and a better business partner for you.

Our mission is that Masquelack becomes internationally known and recognized for:

- Delivering value adding products and services
- Reliable delivery performance
- Being a proactive and agile business partner

Therefore, the entire company's mindset, our daily actions and behavior are rooted in above-mentioned market promises

Sustainability

Masquelack is highly committed to its environmental responsibility, and sustainability is an integrated part of our strategy.

Even our products of course comply to the known requirements of current REACH and VOC regulations we think broader and work deeper.

Our R&D focus is intensively directed towards the target of developing products that meets the requirements of our customers but using fewer resources and more sustainable materials.

For our exterior wood program, we have developed products with maximum durability and prolonged service life to reduce the need for early repainting and we have started and will to an increasingly degree implement the use of bio based raw materials in our products.

Our commitment remains strong



INDUSTRIAS QUÍMICAS MASQUELACK S.A.

C/ De Pedrosa, 26-28. 08783 Masquefa - Barcelona - Spain - T. +34 93 772 52 81 - Fax. +34 93 772 65 42
masquelack@masquelack.com - www.masquelack.com