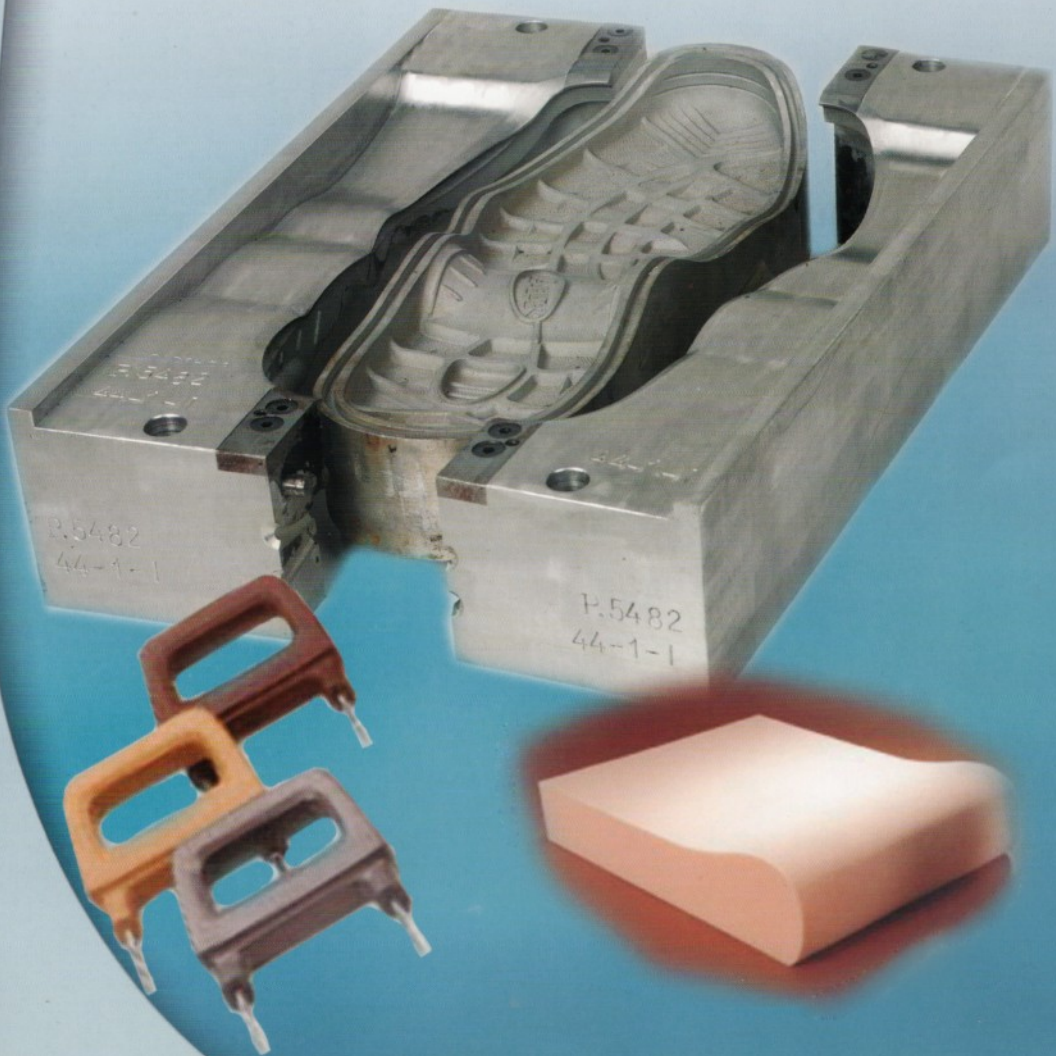


Desmopur[®]
desemmotllants i pintures

**RELEASE AGENTS , PAINTS
AND COLOURING PASTES
FOR POLYURETHANE INDUSTRY**



DESMOPUR, S.C.V. Pol. Ind. Catxapets, c/ Monòver , nº 12-84 03330 Crevillent (SPAIN)
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SHOE MARKET

Our products:

DESMOPUR® (release agents), **LACAPUR®** (paintings), **GLUEPUR®** (adhesive) and **DESMOPLAST®** (color pastes) are specially formulated for this sector. They offer the best quality in a wide range of densities, various degrees of hardness, systems and machines. The new demands on shoe market are treated with careful technical assistance during the manufacturing process of polyurethane soles. With them **you can coloring in mass, demolding and painting any polyurethane**, no problem.



The main uses over moulds:

- . Casting soles
- . Direct injection of soles
- . TPU outsole
- . Direct injection of Safety-Boots and sport-boots.
- . TPU inserts and small parts injection.
- . Insoles

Our objective is to design, to make and to provide products of high quality that satisfy and surpass the clients expectations, all into a competitive cost. In order to achieve this objective we establish with our clients the commitments of:

- Quality
- flexibility
- Best product quality and service,
- interest by the environment and the health.
- investigation and permanent development



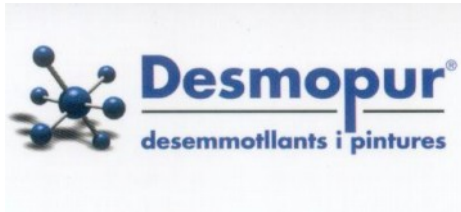
Quality

Our products quality is based on a optimized manufacture system , where process control in all the process go from raw material to the end item. For it we have an equipped laboratory with the most modern test and control systems.

For that reason we can certify our products when the clients exigencies require therefore it. Desmopur has acquired with its clients a quality commitment, that has been shaped with **certification ISO 9001**, by certifier AENOR, and international certificate IQNET. This certificate guarantees the high quality of our products, the capacity of our technicians and a careful and competitive service.

Interest by Environment and Health

From our creation DESMOPUR has as objective the impact minimisation on the environment. We have developed the project “ Friendly Environment PAINTING, COLOURING PASTES AND RELEASE AGENTS” that has given fruit like a **concentrate and watery products line** with a smaller impact on health.



PAINTS “**LACAPUR**®” FOR FOOTWEAR INDUSTRY

According to product and application, **LACAPUR**® paints and lacquers can be adjusted to sprayable, brushable or dippable version (also available in 2-component-system). These products are available in all gloss or mattness levels (mat, satine, velvet, gloss, high gloss). On request, all our colours and lacquers are available as **sample customer**, base colours, or adjusted to colour card-systems (RAL, Pantone, NCS...)



All our products are characterized by an excellent adhesion as well as very good abrasion values for painting

- PU.
- RUBBER: TR, vulcanized.
- PVC.
- ABS and PS heels finishings.
- EVA.

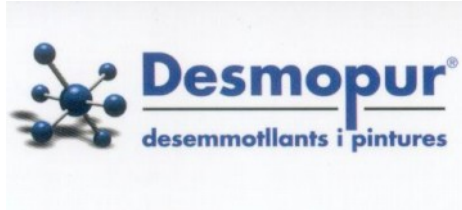
Our paints offers:

- Excellent adhesion
- Excelent Film elasticity.
- Fast drying.
- Good coverage.
- High resistance to abrasion.
- Good resistance to light and heat.



You can get any special effect:

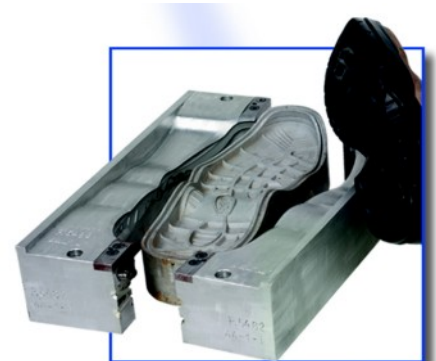
- Brush-off,
- Cork imitation,
- Velvet,
- Soft-feel-effect,
- Rubber like,
- Metalized, pearl effect,
- anti-slip,
- antistatik and antimicrobial properties.
- By requirement also in uv stabilised version.



RELEASE AGENTS “ **DESMOPUR®** ”

For polyeter and polyester systems you can use **DESMOPUR®** for release PU system :

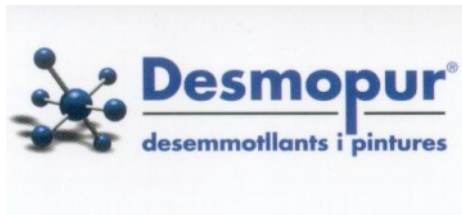
- *Conventional.*
- *Concentrated.*
- *Watery.*
- *Flammable.*
- *Non Flammable.*
- *Ready to use.*
- *For dilution.*
- *Direct injection.*
- *Dual Density Soles*
- *Casting soles*
- *Gloss, satin.... and matte*



YOU USE **DESMOPUR®** FOR RELEASE:

- **Insoles (Fussbett) :** Using specific polyurethane systems you produce insoles. These insoles usually lined with soft leather, are inserted into shoes to increase comfort and improve breathability.
- **Soles PU / RUBBER :** Technology used for items with double density (PU + rubber expanders) for shoe soles mold through direct injection sports shoes, leisure and safety footwear.
- **Compact Bi-density foamed soles:** Technology used for items with double density (compact + expanders) further using polyurethane systems based on polyester molded shoe soles, while direct injection makes sneakers, leisure shoes and security shoes.
- **Mono-density soles:** Using polyurethane systems based on polyether and / or polyester you mold shoe soles, while with direct injection you make sports shoes, leisure shoes and beach sandals.
- **EVA.**





LIQUID COLORANTS “**DESMOPLAST®**” FOR PU SYSTEMS

DESMOPLAST® products are specially formulated for this sector. They offer the best quality in a wide range of densities , in various degrees of hardness, types and machines . The new demands of the shoe are treated with careful technical assistance during the coloration of polyurethane soles .

The main uses are:

- . Casting soles.
- . Direct injection of insoles and soles.
- . TPU outsole Colada.
- . Direct injection of safety boots and sports.
- . Injection TPU inserts and small parts.



This series of **DESMOPLAST®** , consisting of pigment dispersions in plasticizers , was developed for use in the footwear industry and TPU thermoplastic .

The dyes of this series are characterized by:

- . Excellent rheology and dosability .
- . High performance dye pigment.
- . Very good support systems polyether and polyester
- Upon request, the dyes can be formulated free of phthalates.

For this sector , Desmopur has also developed special liquids such as antistatic and UV stabilizers , characterized by its high efficiency and compatibility with polyurethane systems . These additives may be mixed directly into the dye or delivered separately .

Key Features:

- **Pigments:** High tinting strength , lightfast and high thermal stability.
- **Vehicle:** plasticizer
- Free from heavy metals and fthalates.
- Liquid colors containing UV stabilizers
- . Crepè rubber like imitation. Traslucent compact system and appropied transparent **DESMOPLAST®** PU pastes.

