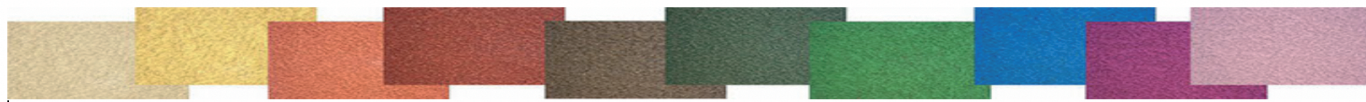


SPLAST

Sprayed liquid cork

Decorative, functional coating for facades and interiors



Liquid Rubber SPLAST® - is a liquid mixture of natural cork, and special acrylic water-based polymers, technological additives and pigments, which is applied by air spraying on any type of material and on any surface. Simplicity in use, aesthetics, functionality, durability – all the key parameters are combined in one product in order to get a perfect result.

Application of **Liquid Rubber SPLAST®** allows to get an amazing decorative textured cork coating with high functional advantages and characteristics. The coating retains all the qualities of natural cork: it is environmentally clean, heat resistant and noise proofing; resistant to precipitation and biodegradation.

A combination of properties of natural cork and high atmospheric stability of the used polymers make liquid cork **Liquid Rubber SPLAST®** a unique multifunctional product that is used for decorating facades, interiors, both in residential and industrial buildings and constructions.

Moreover, the secret of success of liquid cork **Liquid Rubber SPLAST®** is simplicity in application, combined with high aesthetic and coating functionality, durability and simplicity in use.

PRODUCT PHYSICAL DATA

Color	Marrón claro
Harmful volatile substances	No
% dry solids	60-70%

PHYSICAL PARAMETERS OF THE COATING

Recommended thickness	1,0 – 4,0 mm
Specific gravity	550+ 3% gr/dm ³ .
Heat conduction coefficient	0,028
Breaking strength	1,5 mPa
Water absorption by weight within 24 hours, %	0,1
Waterproofing withing 72 hours at a pressure of 0.01 mPa	Not identified
Waterproofing during 72 hours at a pressure of 0.03 mPa	Not identified
Flexibility at minus 20° C (R = 40 mm)	Cracks have not been identified
UV resistance	25 years
NON -TOXIC WATER BASED	
Vital capacity of the material	6 months

WARNING

Keep away from children. Avoid storage at temperatures below + 5 ° C. Please, before using refer to the technical safety data sheet for **Liquid Rubber SPLAST®**

PRACTICALITY

Available spraying technology for liquid cork **SPLAST®** spraying and simplicity in application allows anyone to apply **SPLAST®** himself without any special training and knowledge in the field of science, it does not require expensive equipment and does not require the involvement of external experts. It is just enough to have an ordinary com-pressor available and an inexpensive textured gun "HOPPER".



For professionals who require high performance in work, it is recommended to use Universal MP100 automatically dosing device Universal MP100 with a peristaltic pump, which allows to cover an area of over 700 m² per shift by 2 operators. **SPLAST®** is applied in one layer up to 4 mm in thickness without any special preparatory work.

VERSATILITY

Due to the high adhesion properties of the used polymers, liquid cork **SPLAST®** is suitable for application to any type of material: concrete, plaster, natural and artificial stone, tile, brick, concrete blocks and silicate, gypsum lath, plywood, OSB, wood, slate, asbestos, black galvanized or colored iron, metal, polyurethane and foam polystyrene.

INSULATION, ENERGY CONSERVATION

SPLAST® is a warm coating that will protect your home from heat and cold. The natural property of cork, and correspondingly, of the **SPLAST®** coating is that having a low thermal conductivity index, this material will reliably protect your home in winter in cold weather and in summer in the heat. It will be warm, dry and comfortable in winter, and it will be cool and comfortable in summer. Due to these natural cork properties, the walls of the house will not freeze in winter and won't overheat in the summer, which will greatly help to save energy, both for heating and for cooling the area. Cork **SPLAST®** coating works as a thermal insulator without spreading the heat and cold, it guarantees a comfortable indoor climate, which does not depend on the outside temperature or humidity. The use of cork **SPLAST®** coating indoors, especially on the surface of the exterior walls, will allow to avoid the appearance of dew point on the surface especially in the cold period.

Thus, it prevents the formation of condensate on top of the wall, especially in the corners, which leads to the formation of mold, fungus, and which makes the microclimate inside the house unpleasant and causes certain consequences like development of allergies in people with lowered immunity, children and the elderly. The convenience of use of **SPLAST®** is also the fact that it can be applied as the intermediate layer, followed by filling-up on top to create a smooth surface. Also it is great for wet basement, attics, enclosed and open balconies, where condensation is formed due to the large difference between indoor and outdoor temperatures.

MOISTURE PREVENTION AND STEAM PERMEABILITY

In addition to the functions of heat insulation, **SPLAST®** also performs the function of the membrane that lets the moisture, which gets accumulated in the room, outside through the wall due to the natural physical effect of osmosis. Water-repellent cork qualities are well known. Also, the composition of **SPLAST®** includes high-quality water and weather resistant acrylic polymers in addition to natural cork, so its application to the facades ensures protection from rainwater and other precipitation, increasing the lifetime of the facades. At the same time the used polymers in **SPLAST®** guarantee a constant elasticity of the coating preventing the possible formation of microcracks.

DURABILITY

Cork is a natural product, which is resistant to biodegradation, aggressive chemicals; the used polymers as well as pigments are resistant to UV radiation, temperature conditions, corrosive substances in the environment. This combination of ingredients of the liquid cork **SPLAST®** makes it almost eternal.

PREPARATION OF THE BASE AND CONSUMPTION

For applying the material on the porous fragile bases (silicate blocks, bricks, plaster) it is recommended to process the surface with acrylic primer of deep penetration.

Operating pressure of the compressor during application is from 4 to 5 atmospheres; used nozzles from 4 to 6 mm. In order to get a decorative layer 2 mm in thickness it is necessary to consume 1.0-1.2 kg / m² (1-layer application). In order to get a decorative coating with a heat-saving effect it is necessary to achieve a thickness of 4.0-4.5 mm., and material consumption will be 2.2-2.5 kg / m² (2-layer application)

Liquid Rubber SPLAST® is supplied in the basic natural cork color. The product is easily colored by using the pigment paste according to the table of primary **SPLAST** colors (46 options) and RAL scale.

PACKAGING:

- 22 -liter bucket (netto 12 kg.)



STORAGE

The material should be stored in an intact sealed packaging in a dry place. The shelf life is 12 months from the date of manufacture specified on the packaging. Tightly close the lid of the container if the material has not been fully used yet.

Protect from freezing!

WARNING

Before the usage mix at average speed in order to get a homogeneous mixture. If necessary, dilute with clean water up to 20%.

Keep away from children. Avoid storage at temperatures below + 5 ° C.

Please refer to the technical safety data sheet for Liquid Rubber **SPLAST®** before using it.

For any questions, please contact technical support:

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