

# LIQUID FOIL FOR PAINTING

## PRODUCT DESCRIPTION:

Safediqul liquid is a gel-like liquid that forms a dense polymer film when dry. Easily removable / peelable coating, used to temporarily protect surfaces against minor damage, scratches and dirt. When applied, you can protect almost any surface during construction or renovation. It protects against dust, paint, cement and mechanical damage caused by welding spatter of metal filings and scratches. It is a liquid foil, which allows you to simplify and speed up any construction work, and most importantly, reduce the cost of the preparatory process of construction and finishing works.

the liquid foil can be applied with a roller, a brush or a spray gun. It is water-based, non-toxic and, above all, 100% biodegradable. It protects the surface from up to 12 months or even up to 24 months (depending on the place of application and conditions). It adheres well to surfaces in the form of a strong transparent or opaque film (depending on the type of application and colour). It is easily removable without leaving any traces on the surface. It leaves a perfectly clean surface, does not require washing (savings on cleaning after renovation and construction works). **Safediqul** is a water-based emulsion coating that can be applied to coloured or unpainted vertical or horizontal surfaces for temporary protection.

## APPLICATION:

Glass facades, facade panels, windows, shop windows, doors, elevators, walls, handrails, furniture, bathroom and kitchen fittings, machine elements, polished concrete, tiles and terracotta, new cars, buses, protection of machine parts during storage or transit, cranes, protection of coated metals during production or maintenance, pipes during transit or storage, protection of spraying booths. Refurbishment of apartments: painting and plastering works, finishing works, tiling. Temporary protection of ceramic and marble surfaces. Protection of surfaces against damage, construction and repair of yachts, protection of decorations, advert banners and boards during fairs, transportation packaging, advertising in transit. Protection against dirt, dust, oil, grease, rust, corrosion.



## SPECIFICATION:

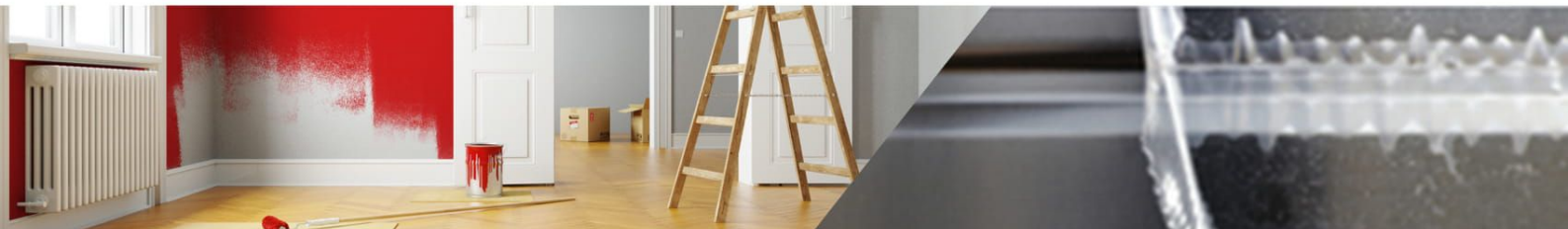
Physical state	Liquid
Colour	Clear, colorless
Odour	Characteristic
Boiling point or initial boiling point/boiling range	100°C
Flash point	Not applicable
Decomposition Temperature	Not applicable
pH	5-7
Kinematic viscosity	20000-30000 mPa*s (dynamic, Brookfield RVF 6/20 23°C)
Density or relative density	1.09 g/cm3

## CAN BE APPLIED TO:

Plastics, acrylics, PVC, ceramics, parquets, panels, marble, granite, work surfaces, stainless steel, aluminium, polished concrete, lacquered floors, tiles, laminated surfaces, glass and most non-porous surfaces.

## DRYING TIME:

At a value of approx. 150 microns the film coating will be fully dry in approximately 60 minutes at room temperature. Forced drying and increasing the surface temperature to a maximum of 40 °C can be used. Full curing depends on the ambient temperature, humidity, ventilation and the thickness of the applied layer and takes from 0.5 to up to 24 hours.



## ADVANTAGES OF LIQUID FILM:

- ♦ Easy to apply;
- ♦ The foil has cleaning properties, which means that after its removal, the protected surface does not require washing or cleaning;
- ♦ When applied to dirty (dusty) surfaces, the foil "absorbs" everything under it, and after its removal, the surfaces become perfectly clean;
- ♦ Protects surfaces against scratches, dirt and is durable;
- ♦ Reduces the costs of construction works by reducing the costs of post-construction cleaning and surface cleaning;
- ♦ Reduces the risk of losses and costly repairs;
- ♦ Speed of application compared to standard foils (no tedious tapes and foils);
- ♦ Improves the company's image (no complaints);
- ♦ Safe to use (the product does not react with glass and seals);
- ♦ Water-based product, safe for the environment, eco-friendly and 100% biodegradable;
- ♦ Fast-setting and efficient to use;
- ♦ Chemical resistant - resistance to solvents and petroleum products;
- ♦ Resistant to abrasion, scratching and UV radiation;
- ♦ Protects against sawdust, water, moisture and corrosion;
- ♦ Can be applied to horizontal and vertical surfaces;
- ♦ Non-flammable;
- ♦ After application, tools can be cleaned with water, which makes cleaning easy and cheap;
- ♦ Easy to peel off protective coating;
- ♦ Transparent

## APPLICATION INFORMATION AND RECOMMENDATIONS:

The contents of the container should be thoroughly mixed before use. Always conduct a test area and peel off a trial surface of each substrate prior to use. The minimum wet film thickness (WFT) is 150 microns [50 microns dry film thickness (DFT)], the maximum is 300 microns [wet film]. Do not apply in wet or frosty conditions and protect against rainfall until it is completely dry and avoid applications when rainfall is predicted within the next 24h. The temperature of the material during application should be 20-30 °C.

**INTERNAL APPLICATION:** Outdoor use only in summer, avoiding heavy rainfall. Work at the temperature not lower than 10 °C and humidity not more than 85%.

WFT – wet coating thickness (before drying)  
DFT – final dry coating thickness

AVERAGE USAGE: 8-10 m2/LITRE

