

TECHNICAL DATA SHEET

Date of actualization: 31.01.2018



Paint for concrete surfaces

Betona, U 2043

JK 246 235 43

PN 112 383 03

Description

Dispersion of pigments and fillers in the solution of alkydurethane and alkyd resin with the mixture of solvents and additives.

Application

It is used for paints on concrete surfaces (4-6 months of aging) in exterior and interior (cellars, garages, balconies, storage places) where should be provided reasonable functionality, elasticity, weather resistance and resistance against mechanical wear. The paint can NOT be used for concrete which is conditioned by flatting (steel-trowelling). The paint can be applied as glossy decorative topcoat on metal and wood in interior providing that the base was treated by suitable priming coat (e.g. primer Syntetika).

The material should not come in contact with food, fodder, drinking water and paints for children's furniture and toys.

Color tint

Depends on agreed etalons

Thinner

S 6006 for brushing, S 6001 for spraying

Physical and technical characteristics

VOC

0,350 kg/kg

TOC

0,247 kg/kg

Voluminous solid content

47 - 49 % vol.

Category:

OR A.i

VOC boundary value:

500 g/l

VOC product max. content:

< 500 g/l

Technical data of the product:	
Characteristics in delivered state:	
density	1,20 - 1,30 g/ cm ³
flow time	minimum 80 s
content of non-volatile substances	minimum 65 %
theoretical capacity	9-11m ² /l or 8-10 m ² /kg at thickness 50µm

Drying	
Degree 1	maximum 4 hours
Degree 4	maximum 6 hours

Characteristics of finished paint:	
Appearance	glossy
Opacity	degree 1 - 2

Recommended base:	
previous paint : dry, clean, degreased	

removal of cement scum by brushing, dust off (best by hoovering)
removed fat, oils or other impurities by degreasing cleaner
concrete must be insulated from water penetration
min. application temperature + 5° C
relative air humidity 30 – 70 %

Application instructions:	
brush	
recommended thinner	S 6006
discharge time	50 – 60 s
spraying	
recommended thinner	S 6001
discharge time	25 - 35 s
nozzle	1,8 mm
pressure	0,3 -0,4 MPa

Example of procedure:

Coating for concrete

- penetration of the surface by paint **U 2043**, dilution 1:1 by the thinner S 6006, 24 hours later follows the painting
- 1x **U 2043**, thinning depending on application, thickness 50-60µm

Application, dilution, cleaning of tools:

The paint dries in the air. Before the application must be the paint perfectly stirred from the bottom up and thinned for optimal discharge time. The thinning is done by the thinner S 6001 for spraying or 6006 for brushing. High air humidity and low surrounding temperature incl. for the treated surface prolongs the drying. On the paint layer dried in the air can be applied another layer not before 24 hours. The tools can be cleaned by the thinner S 6006, S 6001, C 6000 or by the P 8500.

Packing:

depends on actual offer

Storage conditions:

Do not store with consumables and fodder.

Store in original, well closed packages at +5 to +25⁰ C temperature in dry and ventilated storage room without direct solar radiation. The storage room must be in compliance with regulations for storing flammable liquids.

Flammability:

MSDS

Waste disposal:

MSDS

Safety and hygiene at work:

MSDS

Data on manufacturer and importer - distributor:

CHEMOLAK a. s.

Továrenská 7, 919 04 Smolenice, Slovensko

Tel.: +421/33/5560 111

Fax: +421/33/5560 636

Infocentrum: + 421/33/5560 555

www.chemolak.sk

marketing@chemolak.sk

priemysel@chemolak.sk

Notice

All information and recommended instructions are based on test results, observation and experience acquired during particularly defined tests. The examples of painting procedures are not binding and have to be adapted to real conditions and requirements, application areas and conditions for application. The User is responsible for correct application of the product and has to consider all factors and conditions that can have impact on the ultimate surfacing quality. The manufacturer reserves the right to modify the data in technical promotional sources without preceding reminder.