



TECHNICAL DATA SHEET

AKSILBET ROOF TILE PAINT FOR ROOF, ASBESTOS AND ONDULINE TILES

STANDARDS, CERTIFICATES, APPROVALS, TESTS:

BINDING STANDARD: ZN/1995/AKSIL – 1

NIH assessment Certificate no. **HK/B/0789/01/2011**

COMPLIANCE WITH THE STANDARD: PN-EN 1504-2 and PN-C 81913

DESCRIPTION OF THE PRODUCT:

AKSILBET ROOF TILE is an acrylic-silicone, water soluble protective-decorative paint with high resistance to weather conditions, high brushing resistance and excellent adherence to surface. Based on the state of the art raw materials providing the highest quality.

THE SCOPE OF APPLICATION:

AKSILBET ROOF TILE is designed for:

- protective and decorative painting of concrete roof tiles
- renovation of old roof tiles with the use of AKSILUX impregnate
- painting of buildings insulated with asbestos-concrete boards with the use of AKSILUX impregnate
- protection of asbestos cladding in interiors
- painting of roofs covered with asbestos at pre-preparation with AKSILUX impregnate
- painting of ONDULINE type roof boards

CHARACTERISTICS:

- eco product, water soluble, acrylic-silicone based
- the surface is waterproof thanks to silicone ingredient
- acrylic-silicone paints create **self-cleaning** coats, which provide an effect of fresh and clean roofs and walls for many years
- use of AKSILUX impregnate under the paint improves adherence of the paint to the surface
- the coat is resistant to weather conditions: acid rains, fumes, sun - resistance tested during 10-year period in natural exposure conditions
- the coat maintains colour for many years
- vapour-permeable coat - walls can breathe
- the paint adheres to concrete surface perfectly
- in case of asbestos the coat creates a barrier preventing penetration of asbestos threads to the surrounding environment
- **AKSILBET ROOF TILE** is available in 8 colours according to the colour sheet
 - available colours as AKSILBET
 - can be coloured according to RAL and NCS or other

- all the above mentioned colours can be mixed interchangeably in order to obtain the required colour,

or mix with white paint

- **AKSILBET ROOF TILE** paint is also manufactured in a version for industrial sprayer
- the paint was granted with Technical Approval of the Building Research Institute confirming its use for painting particularly difficult surfaces such as asbestos

SPECIFICATION:

Specification of the product	
viscosity measured with the Ford viscosity cup Ø4 at the temperature of $20 \pm 2^\circ\text{C}$	highest 70 s
density	highest 1.3 g/cm³
drying time of the coat at the temperature of $20 \pm 2^\circ\text{C}$ and relative humidity $55 \pm 5\%$: pre drying (for application of the second layer) full drying	after 1 hours after 8 hours
quality coating	II
resistance to brushing, number of moves	10,000
water absorption index	0,5 [kg/m²h^{0.5}]
resistance to water washing out	coat with no changes
resistance to alkali	coat with no changes
efficiency in reduction of penetration of asbestos threads expressed in n-times of emission reduction from the board secured with AKSILBET ROOF TILE coat in reference to the emission from the non-protected board.	7.8
solid-state substances content	approx. 45%

USE:

PAINTING OF ROOF TILES:

A. New tiles:

Paint to be applied by pneumatic spraying or hydrodynamic spraying onto wet and hardened tiles. Wet and shaped tile to be painted by pneumatic spraying with high pressure of at least 8 atm. Tiles after well cured and hardened at increased temperature should be painted for the second time. Thickness of the layer: 35 - 40 µm.

B. Renovation of roof tiles:

1. Roof tiles designed for painting should be thoroughly cleaned with water and detergent with the use of pressure cleaner (recommended) or a brush, followed by rinsing with clean water and thoroughly dry. If surfaces were covered with a mould, disinfect with anti-mould impregnate.
2. AKSILUX impregnate should be brushed into with a brush onto dry surfaces.
3. When the impregnate has dried, surfaces should be painted twice with **AKSILBET ROOF TILE paint**.

First layer - dilute the paint with water 3:1 (3 parts of paint: 1 of water), and in case of very dense surface 2:1 (2 parts of paint for 1 part of water).

NOTE: In case of roof tile renovation, all works shall be assigned to professional companies in order to thoroughly prepare and clean surfaces.

PROTECTION OF ASBESTOS BOARDS

1. Prior renovation of asbestos boards, pay particular attention to technical condition of surface and assess whether it is suitable for painting.
2. Surfaces designed for painting should be thoroughly cleaned with water and detergent with the use of pressure cleaner (recommended) or a brush, followed by rinsing with clean water and thoroughly dry. If surfaces were covered with a mould, disinfect with anti-mould impregnate.
3. During preparation works follow the guidelines provided in an ordinance on personal protective equipment.
4. AKSILUX impregnate should be brushed into with a brush onto dry surfaces.
5. When the impregnate has dried, surfaces should be painted twice with **AKSILBET ROOF TILE paint**.

First layer - dilute the paint with water 3:1 (3 parts of paint: 1 of water), and in case of very dense surface 2:1 (2 parts of paint for 1 part of water).

NOTE: In case of renovation of asbestos, all works shall be assigned to professional companies in order to thoroughly prepare and clean surfaces.

PAINTING OF THE ONDULINE:

1. ONDULINE is designed for painting should be thoroughly cleaned with water and detergent with the use of pressure cleaner (recommended) or a brush, followed by rinsing with clean water and thoroughly dry. If surfaces were covered with a mould, disinfect with anti-mould impregnate.

2. Cleaned surfaces should be painted twice with **AKSILBET ROOF TILE paint**.

First layer of the paint: dilute 3 parts of paint on 1 part of water

NOTE: In case of renovation of onduline, all works shall be assigned to professional companies in order to thoroughly prepare and clean surfaces.

All painting works should be performed at ambient temperature not lower than 5°C, however recommended temperature is 20 ± 5°C.

Use water for cleaning painting equipment.

Newly applied coat shall be protected against rain and frost.

EFFICIENCY:

single layer 8 m²/ 1 litre of paint

WARRANTY PERIOD:

24 months from the manufacture date in manufacture packaging.

Store at the temperature above +5°C

HSE AND FIRE PROTECTION GUIDELINES

Non flammable

Water soluble paint, safe in use.

Keep away from children.

Rooms shall be ventilated until characteristic odour disappears.

FW Cat .A a and c (30 i 40g/l) – LZO = 28g/l

ENVIROMENT PROTECTION

Residues of liquid product:

Do not flush in a toilet. Reuse to be considered. If not possible, dispose according to binding regulations (hand over to professional services provider).

Waste code: 080112 - waste paint and varnish

Packaging waste:

Empty packaging to be forwarded for reuse or waste disposal.

Waste code: 150102 - plastic packaging

PACKAGING:

Plastic packaging capacity: 20 l, 10 l, 5 l, 3 l, 1l or other agreed with the recipient.



AKSIL *Fabryka Specjalistycznych
Wyrobów Lakierowych sp. z o.o.*

ul.Świętosława 272 A 39-200 Dębica tel.(+48) 14 682 76 14 .21
www.aksil.pl; e-mail: aksil@aksil.pl