

HEAT - RESISTANT SILICONE LACQUER 300°C

Tested by paints and varnishes - Test Laboratory - Sofia



Designed for decorative and corrosion protection of metal surfaces exposed to temperatures up to 300°C - fireplaces, stoves, ovens, heaters, etc.

The coating is resistant to petroleum products, water and mineral oils.

Consumption: 95 - 105 g/m² to 20 micrometers dry film

Drying: 30 minutes at 180°C

3 hours at 20°C

The Paint surface is suitable for manipulation and exploitation after heating at 180 - 200°C for not less than 30 minutes.

HEAT-RESISTANT LACQUER CO - 82 SILICONE 450°C

Tested by paints and varnishes - Test Laboratory - Sofia



Designed for protection and decoration on metal surfaces exposed to high temperatures - up to 450°C. Used for polishing stoves, fireplaces, flues and others. Provides good corrosion protection of metal surfaces and has excellent

adhesion to metal.

The coating is resistant to petroleum products, water and mineral oils.

Consumption: 85 - 95 g/m² to 20 micrometers dry film

Drying: 30 min at 180°C

3 hours at 20°C

Paint surface is suitable for manipulation and exploitation after heating at 180-200°C for not less than 30 minutes.



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HEAT-RESISTANT LACQUER CO - 83 SILICONE 600°C

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Designed for corrosion protection of metal surfaces operating at high temperatures - up to 600°C. The coating is resistant to petroleum products, water and mineral oils.

Consumption: 75 - 85 g/m² to 20 micrometers dry film

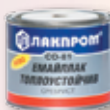
Drying: 30 minutes at 180°C

60 minutes at 20°C

The painted surface is suitable for manipulation and exploitation after heating at 180 - 200°C for not less than 30 minutes.

HEAT-RESISTANT ENAMEL LACQUER CO - 81

Tested by paints and varnishes - Test Laboratory - Sofia



Designed for exterior painting of metal surfaces and products exposed to high temperatures - stoves and more. heaters, car exhausts, pipes.

Long-term thermal stability is achieved when heated surface temperature to 240° C and dry

coating thickness of 15 micrometers.

Drying at 180°C - 30 minutes

Consumption: 110 - 140 g/m²; 7-9 m/l



LACKPROM PLC.

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LACKPROM

**ЗАРАВАТА
МАРКА!**

FIREPROOF AND HEAT - RESISTANT PAINT



FIREPROOF ISOLATION COMPOSITION NOVOTERM®



Opinion for eligibility under Art. 54 of the Ordinance on the essential building requirements and conformity assessment of construction products (RERCCACP) Decree №325 of 06.12.2006 (published in SG.106 of 2006), with registration № ON-H-D-35 / 07.04.2010, the Ministry of Interior Directorate General Fire Safety and Rescue „; The technical specification is consistent with MINISTRY OF HEALTH.

Insulating Composition **NOVOTERM®** is used for fire protection of bearing steel structural elements (columns, beams), wood and wood surfaces (plywood, particle board of wood - PDCH, MDF-boards). **NOVOTERM®** is designed for indoor use to work in enclosed, dry areas such as theaters, cinemas, schools, shops, museums and other public facilities. For external use, prolonged effects of humidity higher than 80% mechanical impurities or decoration is mandatory installation of facade paint type HS in the desired color.

| STEEL CONSTRUCTIONS | LIMIT OF FIRE RESISTANCE, IN T ₉₀ , 500°C min | THICKNESS OF THE DRY FILM NOVOTERM® mm | CONDITIONS CONSUMPTION g/m ² | SURFACE COATING HS - 140 CONSUMPTION g/m ² |
|------------------------------------|--|--|---|---|
| Hp/A factor ≤ 205 m ¹ | 60 | 2.00 2.50 | 4500 5500 | 140 |
| Hp/A factor ≤ 139,3 m ¹ | 45 | 1.47 | 3100 | |

| WOODEN SURFACES | WOODEN SURFACES % | CONDITIONS CONSUMPTION g/m ² | SURFACE COATING HS - 140 CONSUMPTION g/m ² |
|-----------------|-------------------|---|---|
| | 3,28 | 500 | 100 |

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STOPTERM WATER - DILUTED FIREPROOF ISOLATION COMPOSITION



Opinion for eligibility Construction - Department of Interior NSFAS Registration № 104/25.01.2005 on POPS

STOPTERM provides effective fire protection of steel structures and bearing elements (columns, beams, girders). Treated with **STOPTERM** wood and wood surfaces belong to

the group of hard materials. Applies to non-structural wood products and building elements - paneling, furniture bottoms, theatrical scenery. Designed for indoor use, operating in closed and dry premises such as hotels, theaters, cinemas, schools, shops, museums and other public facilities. For external use, prolonged effects of humidity higher than 70% mechanical impurities or decoration is mandatory installation of facade paint type HS in the desired color.



| STEEL CONSTRUCTIONS | LIMIT OF FIRE RESISTANCE, IN T ₉₀ , 550°C min | THICKNESS OF THE DRY FILM STOPTERM mm | CONDITIONS CONSUMPTION g/m ² | SURFACE COATING HS - 140 CONSUMPTION g/m ² |
|------------------------------------|--|---------------------------------------|---|---|
| Hp/A factor ≤ 139,3 m ¹ | 31 | 1.387 | 2724 | 140 |
| Hp/A factor ≤ 139,3 m ¹ | 49 | 1.510 | 2940 | |

| WOODEN SURFACES | AVERAGE MASS LOST % | CONDITIONS CONSUMPTION g/m ² |
|-----------------|---------------------|---|
| | 4,88 | 450 |

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LAKOTERM VC - 21® PAINT FOR SURFACE FIRE PROTECTION



It is designed for surface fire protection of cables singly or in bundles used indoors with non-aggressive environment. The paint is characterized by great flexibility and adhesion to the cable insulation.

LAKOTERM VC-21® is an effective means for fire wood and wood surfaces (plywood, chipboard, MDF-boards). Treated with **LAKOTERM VC-21®** wood surfaces refer to a group of hard-combustible materials. **LAKOTERM VC-21®** is used in dry indoor spaces such as theaters, cinemas, schools, museums and other public institutions, does not apply to undergo mechanical stress building (structural) or parts subject to wear surfaces such as furniture, doors, wooden staircases. In the application of paint in an environment with high humidity (greater than 70%) and for resistance to mechanical surface contamination, durability or decoration necessary application of surface coating of the type HS production of **LACKPROM PLC**.

| FIRE PROTECTION | THICKNESS OF THE DRY FILM LAKOTERM VC-21® mm | CONDITIONS CONSUMPTION LAKOTERM VC-1® g/m ² | SURFACE COATING HS - 140 g/m ² |
|-----------------|--|--|---|
| OF CABLES | 0.8 | 1930 | 100 |
| | 1.1 | 2635 | |

| FIRE PROTECTION | MASS LOST % | CONDITIONS CONSUMPTION g/m ² | SURFACE COATING HS - 140 g/m ² |
|--------------------------|-------------|---|---|
| WOOD AND WOODEN SURFACES | 3,77 | 450 | 100 |

The technical specification is consistent with the Ministry of Health, MRRB, NSFAS OF MINISTRY OF INTERIOR.

The coating is tested by:

- an accredited testing laboratory to „CABLE RANGE“ AD Smolyan - according to BS EN 60332-1-2 (IEC 60332-1-2) - Protocol № 038/22.10.2010; under BS EN 60332-3-22 (Category A) - Protocol № 036/05.10.2010. Test Center for Fire and Emergency Safety NPIPAB of NSFAS-Sofia - Protocol № 112/06.08.2002.
- Test Center for Fire and Emergency Safety NPIPAB of NSFAS-Sofia - Protocol № 67/08.04.2002.
- an independent accredited laboratory „Corrosion protection of structures and facilities and special chemistry to ITSS-NISI“ Ltd - Protocol № 113-4-41/18.02.2002 on
- an independent accredited laboratory „Corrosion protection of structures and facilities and special chemistry to ITSS-NISI“ Ltd - Protocol № 111-4-39/18.02.2002 on

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