



ATLAS NKP

strongly penetrating and strengthening the substrate primer

- colloidal formula
- adapts to any surface
- ready to use
- deeply penetrating
- streak-free
- does not make surfaces shiny



SMART 5.0 TECHNOLOGY

COLOIDAL FORMULA - ATLAS NKP primer is an intelligent colloidal combination of polymer particles of different types and sizes, recognising the substrate to which it is applied.

As required:

- deeply penetrates the porous substrate structure, reinforcing it,
- has a surface action that effectively reduces the absorbency of the substrate and prepares it for the application of subsequent coats.

ADAPTABLE TO ANY SUBSTRATE - the intelligent colloidal structure of the primer, created by dispersing polymer particles of different sizes, allows the primer to be used without dilution on all absorbent substrates and under any type of finishing coat.

STRONGLY PENETRATES AND STRENGTHENS THE SUBSTRATE - gel primer with increased viscosity forms a layer several tens of μm thick on the surface immediately after application. The primer, accumulated on the surface, systematically and deeply penetrates the structure of the mineral substrate, strengthens it and increases the adhesion of subsequent layers.

DOES NOT SHINE THE SURFACE - a colloidal combination of polymer dispersions with different particle sizes, makes the surface non-shiny and satin matt after drying. The primer does not leave an elastic film on the surface that could cause difficulties in applying subsequent coats.

NO STREAKING - the gel-like consistency of the product allows perfect application with a roller, brush or sprayer, without the formation of streaks.

Properties

No dripping during application - it is a gel-like product ready to use without dilution with water. In undiluted form, it allows application without the unpleasant effect of dripping and splashing, which is important especially when applying the primer to a wall or ceiling

The colloidal combination of polymer resins and specially selected thickeners allows:

- applying 2x more product onto the tool than with standard primers, allowing 2x more surface area to be primed at once,
- faster application - eliminating the need for frequent refilling of the product on the tool,
- cleaner work - without protecting the surface from contamination and splashing of the primer during application (the gel consistency of the primer significantly reduces splashing, also when priming ceilings).

Express performance - proceeding with further work is possible after:

- 15 minutes - under tile bonding on cementitious substrates,
- 30 minutes - under dry-mix or dispersion top finish, plastering, tile bonding on anhydrite substrates,
- 60 minutes - under painting, wallpaper adhesives, water-based carpet adhesives, dispersion waterproofing,
- 90 minutes - in the case of wall preparation for ETICS systems,
- 120 minutes - under screeds and floors.

Improves paint performance - by levelling the absorbency of the primed substrate, it increases the performance of paint coats.

It facilitates the application of subsequent layers - paint coatings, adhesives, top finish and putties, screeds and self-levelling floors, carpet adhesives, wallpaper adhesives, thermal insulation adhesives, etc.

READY-TO-USE PRIMER - NO DRIPPING AND SPLASHING

The undiluted primer allows comfortable application:
- on any surface, especially on walls and ceilings,
- under any type of finishing coat.

Binds loose particles on the surface of the substrate - once the surface has been dusted off, it effectively binds any loose particles of dust, dirt etc.

Designed for application at elevated temperatures - recommended for use between 5 °C and 35 °C.

For indoor and outdoor use.

Solvent-free.

For application by roller, brush or spray.

Use

For absorbent surfaces, indoors and outdoors

Substrate types - standard	
cement floors and screeds	+
anhydrite screeds	+
cement and cement-lime plasters and top finish	+
gypsum plaster and top finish	+
cellular concrete masonry	+
brick or silicate block masonry	+
brick or hollow brick masonry	+
gypsum block masonry	+

Substrate types - difficult	
cement floors and screeds with underfloor heating	+
anhydrite screed with underfloor heating	+
monolithic concrete	+
reinforced concrete	+
plasterboards	+
acrylic and latex interior paint coatings (sanded down with sandpaper and dusted off)	+

Type of finishing layer (ATTENTION: before priming, read the manufacturer's priming recommendations for the material to be primed)	
tile cladding fixed with cementitious adhesive	+
dispersion waterproofing	+
cementitious floors and screeds, anhydrite screeds	+
cement, cement-lime and gypsum plastering	+
gypsum, cement and polymer top finish, e.g. ATLAS GTA, ATLAS RAPID, GIPSAR GO!, ATLAS GO!	+
acrylic and latex interior paint coatings	+
wallpaper	+

Scope of application	
indoors	+
outdoors	+
for horizontal surfaces	+
for vertical surfaces	+

Technical data

Emulsion density	approx. 1.0 g/cm ³
Substrate and ambient temperature during the work	from +5 °C to +35 °C
Making the next layer	
- bonding of cladding with cementitious adhesives on cementitious substrates	after approx. 15 minutes
- plastering of hollow brick, silicate and aerated concrete block walls - bonding of cladding with cementitious adhesives on anhydrite substrates	after approx. 30 minutes
- application of dry-mix and dispersion top finishes	after approx. 30 minutes
- painting, - wallpapering, - carpeting, - dispersion waterproofing	after approx. 60 minutes
- wall preparation for ETICS systems	after approx. 90 minutes
- execution of self-levelling floors	after approx. 120 minutes

Technical requirements

The primer is not classified as a construction product.

Priming

Substrate preparation

The substrate should be dry, cleaned of dust, dirt, oil, grease and wax. All loose layers not properly bonded to the substrate layers should be removed before applying the emulsion. Paint coatings should be sanded down with coarse sandpaper, then cleaned and thoroughly vacuumed.

Product preparation

ATLAS NKP primer is a ready-to-use product. Best results - **without splashing or dripping** - can be obtained by not diluting the primer. The product should be mixed before use.

Priming

ATLAS NKP primer is best applied to the substrate once with a roller or brush. Due to its unique formulation (no dripping or splashing), the primer performs phenomenally when applied to walls and ceilings.

ATLAS NKP primer gel can also be successfully applied by spraying as a thin and even layer (hydrodynamic units: nozzle 619, 517 pressure 80-100 bar).

ATLAS NKP works perfectly with all types of top finish, both dispersion and dry-mix. Particularly recommended for ATLAS GTA, GIPSAR GO!, ATLAS RAPID.

Once the primer has dried, it is advisable to check the effectiveness of the primer by wetting the substrate with water and assessing the rate of absorption.

Consumption

On average, 0.05÷ 0.2 kg of emulsion is used per ²1 m (1 kg of primer is sufficient to paint 5 to 20 m² of substrate surface). In practice the consumption depends on the absorbency and structure of the substrate.

Packaging

Canisters: 5 kg and 10 kg.

Safety information

Safety information is given on the product packaging and in the Safety Data Sheet, available at www.atlas.com.pl.

ATLAS NKP primer- Cat. A/h/FW: Maximum VOC content in the product 1 g/l, permissible VOC content 30 g/l.

Storage and transport

Information on storage and transport is given on the product packaging and in the Safety Data Sheet, available at www.atlas.com.pl.

The shelf life of the product (best before use) is 18 months from the production date on the packaging.

Important additional information

Substrates should be primed before painting, following the paint manufacturer's recommendations.

Tools should be cleaned with clean water, immediately after use.

Any soiling from the emulsion can be removed with ATLAS SZOP 2000.

The information contained in the Technical Data Sheet is a basic guide to the use of the product and does not release the user from the obligation to the obligation to carry out the work in accordance with the rules of the trade and in compliance with health and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid. The documents accompanying the product are available at www.atlas.com.pl.

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Update date: 2025-01-09