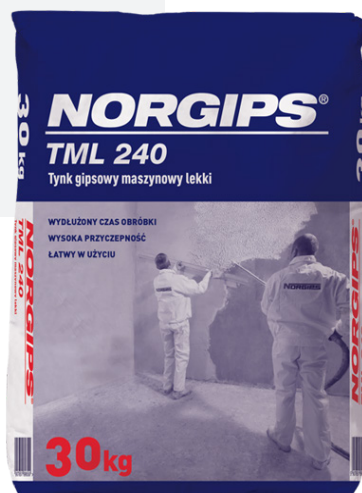


# NORGIPS TML 240

**NORGIPS®**

Lightweight machine-applied gypsum plaster with filler addition, for indoor use



## PRODUCT DESCRIPTION

- Rooms with a humidity of up to 70%, as well as kitchens and bathrooms
- Walls and ceilings with a substrate made of:
  - cellular concrete
  - concrete
  - ceramic
  - limestone sand
  - gypsum



## ADVANTAGES

- Suitable for application with mechanical plastering machines or manually
- Easy processing
- Permeable to water vapour
- Increased adhesion
- Extended working time

## TECHNICAL PARAMETERS

Type	B4/50/2 compliant with EN 13279-1:2008
Reaction-to-fire performance	A1 – completely non-combustible
Water vapour diffusion resistance factor	$\mu = 6$ (dry), $\mu = 10$ (wet)
Thermal conductivity	$\lambda = 0,34$ W/(mK)
Working time	240 ± 30 min
Application temperature	5°C to 25°C
Consumption	0,8 kg/m <sup>2</sup> /mm
Drying out	10 mm / 14 dni (depending on the conditions inside the room)
Shelf life	3 months
Packaging	Bag 30 kg (40 pcs per pallet)

## RELATED PRODUCTS

Pack.	Designation	Description	Pack.	Designation	Description
	<b>NORGIPS BETOGRUNT</b>	Primer for non-absorbent surfaces such as horizontal or vertical concrete and reinforced concrete elements		<b>NORGIPS POROGRUNT</b>	Primer for absorbent surfaces such as cellular concrete, hollow clay blocks, sand-lime blocks, etc.



**Plaster + Primer = NORGIPS Solution**

**DIMENSIONS AND PACKAGING**

Packaging (kg)	Quantity per pallet	
	(pcs)	(kg)
30	40	1200

**SUBSTRATE PREPARATION**

The substrate should be dry and in sound condition and free of dirt, dust, loose particles, grease, efflorescences and anti-adhesive agents. Smoothen any larger unevennesses and fill chips. Remove protruding metal components or protect them against corrosion. The substrate should be seasoned and its humidity should not exceed 3%. Use Norgips Betogrunnt to prime concrete substrates and Norgips Porogrunnt for priming absorbent substrates on the basis of ceramic materials, limestone sand, cellular concrete, gypsum or lime cement.

**MORTAR LAYING AND PROCESSING**

Spray the plaster evenly. Float the sprayed material using a H-profile screed board, vertically and against the wall face. After the setting starts, even out with a trapezoid-shape screed and process the corners. The breaks between each plaster application must not exceed 10 to 15 minutes. In the event of longer breaks, clean the plastering machine and the hoses. The feathering out is performed to even out small unevenness that emerged during the previous stages using a taping knife. Then moisten the plaster surface with water and use a sponge trowel to produce a sufficient quantity of gypsum bleed. After a slight setting, smoothen the plaster surface using a surface trowel. In order to obtain a smoother surface, apply a finishing layer of Norgips Extra Finish, Norgips Start & Finish or Norgips Finish filler and finishing compound to a dry plaster. The minimum plaster thickness may not be less than 8 mm, while the maximum thickness may not go beyond 35 mm. In specific cases, the walls can be covered with plaster of up to 50 mm thickness, but it must be applied in two layers. After the first layer is dry, prime it with Norgips Porogrunnt and, after drying, apply a second layer of plaster. Concrete ceilings should be plastered with a single layer only, and the maximum plaster thickness must not exceed 15 mm. Plaster being a substrate for ceramic tiles, must be applied as a single layer; its minimum thickness is 10 mm. The plaster surface should be rough, it must not be smoothed or trowelled. In the case of a substrate with various properties, the plaster should be reinforced with a glass fibre mesh.

**PRIMER PREPARATION**

The lightweight machine-applied plaster Norgips TML 240 is ready to use and designated for application with mechanical plastering machines. The water dosage should be set to a thin mortar consistency (approx. 1 bar / 1 m of mortar hose).

**ADDITIONAL INFORMATION**

- The plaster working time is approx. 240 minutes with a tolerance of ± 30 min. – depending on the substrate.
- Use the plaster at air and substrate temperatures ranging from +5°C to +25°C. Protect fresh mortar and applied plaster against frost.
- Store the bags with plaster in dry rooms, on wooden pallets. The drying time of a 10 mm thick plaster, depending on the room temperature and air humidity, is not less than 14 days.
- The shelf life is 3 months from the production date.

**SAFETY**

Contains calcium hydroxide. Causes serious eye damage. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.

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