

Technical data sheet

NOVOPUR 1050 TIX

Polyurethane topcoat – semi-matt
Two-component polyurethane topcoat
hardened with aliphatic isocyanate

RELATED PRODUCTS

Pigment pastes	Universal pigment pastes
HARD 10 STANDARD	Hardener for polyurethane products standard
HARD 10 FAST	Hardener for polyurethane products fast
THIN 50	Universal thinner standard, fast and slow

USE:

- Means of transport
- Machines and equipment
- Outer surfaces of tanks
- Steel structures

PROPERTIES

- Perfect hiding power and flowability
 - Perfect scratching resistance
 - High yield
- Very good chemical resistance
- Excellent resistance to atmospheric conditions
 - Very good mechanical resistance
 - Non-flammable per PN-EN 45545
- Certificate of Conformity from the Polish Railway Institute

NOVOPUR 1050 TIX

Technical data sheet
2021/11/02



Mixture life at 20°C

6 hours for HARD 10 STANDARD

2 hours for HARD 10 FAST



Flash off between layers

10 ÷ 15 min.

TECHNICAL DATA

Product	Solids content by weight	Solids content by volume	Density	Fineness of grind
NOVOPUR 1050 TIX	≈ 53 ÷ 60 %	≈ 51 ÷ 56 %	≈ 1.10 ÷ 1.20 g/cm³	< 12.5µm
HARD 10	≈ 56 %	≈ 55 %	≈ 1.03 g/cm³	—
NOVOPUR 1050 TIX + HARD 10 5+1	≈ 53 ÷ 60 %	≈ 52 ÷ 56 %	≈ 1.08 ÷ 1.17 g/cm³	< 12.5µm

Solids content may vary ± 10%.

GLOSS

At 60° approx. 50

CURING TIMES

	HARD 10 STANDARD			HARD 10 FAST		
	10°C	20°C	60°C	10°C	20°C	60°C
Dust-free	-	40 min.	15 min.	6 hours	25 min.	-
Tack-free	-	6 hours	35 min.	24 hours	4 hours	-
Operating hardness	-	21 hours	60 min.	72 hours	12 hours	-

CAUTION: The curing times apply to the temperatures of the individual elements.

EQUIPMENT CLEANING

THIN 50 universal thinner or NC solvent.

STORAGE CONDITIONS

Store in a dry room, away from sources of flame and heat. Avoid direct exposure to sunlight.
Recommended storage temperature: +5°C to +35°C.

NOVOPUR 1050 TIX

 Technical data sheet
 2021/11/02

SHELF LIFE *	
NOVOPUR 1050 TIX	24 months/20°C
Pigment pastes	24 months/20°C
HARD 10 STANDARD	18 months/20°C
HARD 10 FAST	12 months/20°C
THIN 50	24 months/20°C
* In original sealed packaging	
SAFETY	
See Safety Data Sheet.	
OTHER INFORMATIONS	
Registration number: 000024104. The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to do a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.	