

**ARTICLE:** CLASSIC-BASE-METAL  
**ITEM-NO.:** JB1820-0X001  
**SYSTEM:** Solvent-Based, 1C Primer For Metals



## PRODUCT PROPERTIES

CLASSIC-BASE-METAL JB1820 is a solvent-based, 1C primer for metals and is characterised by:

- excellent adhesion properties on several metals

## SCOPE OF APPLICATION

Suitable for coating of:  
several metals (such as iron, steel, aluminium, copper, zinc etc.)

## TECHNICAL DATA

- Colour: clear JB1820-0-001  
grey JB1820-07001
- Gloss level: matt
- Viscosity: 25-30 s DIN 53211/ 4 mm
- Density: approx. 0,94 g/cm<sup>3</sup>

## APPLICATION



Application quantity per layer (g/m <sup>2</sup> )	50-80
Quantity of applied layers	1-2
Jet nozzle (mm)	1,8-2,0
Air pressure (bar)	1,8-2,5
Material pressure (bar)	

## DRYING

## HARDENER, THINNER, RETARDER

Dust-dry after	20 min		Hardener	-
Sandable after				
Overcoatable after	1-3 h			
Stackable after				
Completely dried after			Thinner	If necessary: JT1244-0-001 add max.: 15 %
Cured after			Retarder	-
( at 20 °C and 35-65 % relative humidity and depending on the applied quantity)				

Item No.: JB1820

## STORAGE



Store material in a tightly closed container and under dry and cool conditions. Protect from frost.

### Shelf life:

JB1820: 6 months

(when stored in the original unopened containers)

## CLEANING



Clean tools immediately after use with

- Nitro-Thinner JT1415-0-001 or
- DD-Thinner JT1244-0-001

## SPECIAL GUIDANCE

- Stir well before using!
- The substrates which should be coated have to be conditioned 12 hours before coating.
- It is recommended to perform preliminary trials to test the suitability of the coating system with the desired substrate.
- The surfaces have to be perfectly sanded, dry, free of grease, oil and silicones before the application.
- High humidity and a moisture content above 10% must be avoided at all costs. High humidity leads to longer drying times. The indicated times depend on the application quantity, the room temperature and the relative humidity.
- Protect the containers from drying out and always close them tightly immediately after removing the material.
- Solvent-based products are flammable, also during processing and drying.
- The working temperature should be at least 18° C, but preferably not higher than 24° C.
- This primer is used on bare metal surfaces. Before coating the metal substrates, a surface treatment according to DIN EN ISO 8501-1 must be carried out. The metal substrates must be cleaned thoroughly so that the surfaces are free of any residues.
- Preliminary tests on substrate adhesion, recoatability of the primer and adhesion of the entire surface structure are recommended. In particular in the case of problematic metal substrates (zinc, brass, die-cast aluminum), the suitability must be checked.

## TESTING STANDARDS

### Safety guidance:

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