

# NORDCHLOR

Protective waterproofing enamel for swimming pools



## TECHNICAL SPECIFICATIONS



## FIELD OF APPLICATION



## APPLICATIONS



### Description

NORDCHLOR is a solvent-based mono-component enamel formulated with halogenated polymers (chlorinated rubber), photostable pigments and additives.

After the film forms, the product is characterised by its:

- High chemical resistance (in particular to the chlorine in swimming pool water).
- High resistance to UV rays and weathering.
- Long-term stability of the colour and of the physical and mechanical characteristics.
- Can be coated over even after years.

### Colour

NORDCHLOR is available in various colours on request. Contact the Nord Resine Technical Service.

### Field of application

NORDCHLOR is used as:

- Waterproofing and protective coating for tanks (aquaculture, etc.), swimming pools, fountains, etc.
- Product for protecting (against UV rays and weathering) iron sheets (or sheets made of non-ferrous metals) with oxidation problems (metal roofs, prefabricated corrugated elements with or without reinforcement, etc.).
- Top coat with high chemical resistance for all types of coatings (transparent version).

### Advantages

- NORDCHLOR can be applied on itself (partial or full refurbishment) without having to sand the entire surface, even after years.
- NORDCHLOR can be left immersed in water without the risk of detaching from the laying support even if applied in very thin layers.
- NORDCHLOR is available in a very broad colour range (on request).

### Specific preparation of the laying support

► Waterproofing-protective agent for swimming pools

- Clean the surface thoroughly in order to remove dust, dirt, grease, oil, old adhesives or paint, efflorescence, moulds and any other foreign matter.
- Before applying NORDCHLOR, wait for the surface to dry completely.

► Waterproofing-protective agent for sheet metal structures

- Clean the surface thoroughly by means of a power wash.
- Eliminate rust (or oxide) by sanding the surface.

During sanding, adopt the necessary precautions to avoid inhaling the metallic powders produced.

- In case of iron sheet surfaces, apply one coat of RED OX to convert invisible rust points.

► Transparent protective agent

- Wait for the coating to be protected to cure completely. Normally 2–3 days are sufficient after the application of the

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last coat.

- Perform a compatibility trial of the coating with NORDCHLOR TRASPARENTE on a small portion of the surface.
- If the answer is yes, apply one coat of NORDCHLOR TRASPARENTE on the entire surface.

## Preparing the product

- Open the package of NORDCHLOR and mix the contents.
- Once mixed, the product is ready-to-use. The first coat is an exception, as it must be diluted with an appropriate solvent.
- For the first coat, dilute NORDCHLOR with 20% by weight of SOLVENT FOR NORDCHLOR. This allows for obtaining optimal fluidity of the product and effective impregnation of the laying support.

## Application of the product

- NORDCHLOR can be applied with a roller or brush (resistant to solvents) or by spraying.
- Apply the first coat (with the product diluted as explained in the paragraph "Preparing the product").
- Wait 5–6 hours (at 23°C and with 50% R.H.) up to 24 hours (at 15°C, 60% R.H.) before applying the second coat.
- Apply the second coat while avoiding excess product (stagnation and dripping).
- It is possible to apply further coats by waiting 5–6 hours (at 23°C and with 50% R.H.) up to 24 hours (at 15°C, 60% R.H.) in between.

## Consumption

type of application	minimum consumption	maximum consumption	UoM	dilution
To create a dry coating film 70 micron thick per coat	0,15	0,16	kg/m <sup>2</sup>	-

## Cleaning of tools

- Wet and dry product: clean with SOLVENT FOR NORDCHLOR. It is also possible to use ACETONE or thinner for nitro leaving the tools soaked for a few hours.

## Useful application tips

- Do not dilute with alcohol, acetone or other solvents besides SOLVENT FOR NORDCHLOR.
- The product is flammable.
- When applied in poorly aerated areas, it is advisable to adequately ventilate the environment and protect the airways using a dust mask equipped with A organic vapour filters (brown strip) or combined ABEK filters (brown-yellow-grey-green strip), as per the EN 141 standard.
- For additional and more detailed information on the protective devices to be used, carefully read the Safety Sheet before use.

## Technical data

► PRODUCT IDENTIFICATION DATA	UoM	value
Density at 23°C, EN ISO 2811-1	kg/L	1,15 ± 0,05
Brookfield apparent dynamic viscosity (23°C / 50% R.H. ASTM#2 spindle, 100 rpm), EN ISO 2555	mPa*s	100 ± 10
Dry residue (at 125°C, 1 hour), ISO 3251	-	(70 ± 5)%
Odour	-	Of solvent

  

► APPLICATION DATA AND FINAL PERFORMANCES	UoM	Value
Application temperature	°C	From +5 to +35
Surface drying time (23°C, 50% R.H.), EN ISO 9117-3	min	30 ± 5
Minimum curing time	days	7

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## Storage of the product

- 24 months in the closed original packaging, in a dry and covered place away from direct sunlight, at a temperature between +4°C and +30°C.

## Packages

VARIANT	PACKAGE	ADR	PACKAGES PER PALLET	COMPONENTS
AZZURRO	fustino met. da 5 kg	YES	96 fustini	
AZZURRO	fustino met. da 10 kg	YES	60 fustini	
TIER 1 COLOUR	fustino met. da 5 kg	YES	96 fustini	
TIER 1 COLOUR	fustino met. da 10 kg	YES	60 fustini	
TIER 2 COLOUR	fustino met. da 5 kg	YES	96 fustini	
TIER 2 COLOUR	fustino met. da 10 kg	YES	60 fustini	
TIER 3 COLOUR	fustino met. da 5 kg	YES	96 fustini	
TIER 3 COLOUR	fustino met. da 10 kg	YES	60 fustini	
TIER 4 COLOUR	fustino met. da 5 kg	YES	96 fustini	
TIER 4 COLOUR	fustino met. da 10 kg	YES	60 fustini	

Legenda ADR:

SI' = merce PERICOLOSA

## LEGAL NOTES

Advice on how to use our products corresponds to the current state of our knowledge and does not involve the assumption of any guarantee and / or responsibility for the final result of the work. They do not refore exempt the customer from the responsibility of verifying the suitability of the products for the use and the prefixed purposes through preventive tests. The website [www.nordresine.com](http://www.nordresine.com) contains the latest revision of this datasheet.

## EDITION

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