



Technical Data Sheet



Technical Data Sheet
Ref: NRPTX1000TDS
Issued: 09.04.20
Number of pages: 5



Pattex Direct Control

CHARACTERISTICS

- Non staining pink colour → dries transparent
- For application of “non woven” paste the wall wallcoverings
- Ready to use within 3 minutes
- Excellent initial tack and adhesive strength
- High moisture-resistance
- Excellent slide (pattern / offset alignment)
- Allows dry removal of non woven wallcoverings (see requirements further down)

APPLICATION FIELD

High quality methylcellulose adhesive with synthetic resin and application colour effect, for the efficient adhesion of non woven paste the wall and paper backed wallcoverings.

INSTRUCTIONS FOR USE

Mixing ratio and coverage (200g):

For	ratio	cold water (litre)	approximately	
			m ²	Rolls ¹
Sizing	1 : 40	8	60 – 80	–
non woven paste the wall	1 : 20	4	22 – 26	4 – 5
heavy wallpaper	1 : 20	4	22 – 26	4 – 5
embossed	1 : 17,5	3,5	18 – 20	3 – 4
Embossed	1 : 15	3	15 – 18	3 – 4

¹ DIN EN 233/234 0.53m * 10.05m



Mixing the powder:

1. Fill clean bucket with quantity of clean, fresh, cold water required (see mixing table on packaging).
2. Open box and add entire contents into water whilst mixing briskly with paste mixing tool for 15 seconds
Tip: Hold the opened box close to the water surface and dump the powder in the outer stirring whirl area; this will reduce dust and the risk of lump formation
3. Mix again after 2-3 minutes
4. Mix again after 15 minutes, Stir thoroughly before use

Surface preparation:

1. Ensure surfaces are dry, clean (e.g. free of dust, dirt, grease, wax, etc.), stable, evenly absorbent and smooth.
2. Old wall coverings and paste must be removed with a wallpaper remover. Size (prime) porous substrates using an appropriate primer designed for wallcovering application, e.g. Pattex Direct Control mixed according 1:40 (see dissolving ratio table above). Allow walls to dry thoroughly before applying wallpaper/ wallcoverings. Depending on the chosen wall covering it may be necessary to make additional preparation as indicated by the wallcovering manufacturer

ATTENTION: Application on high alkaline substrates (e.g. concrete) will result in an increased pink to clear colour change time. The discoloration will then proceed until the paste is completely dry. If applied on a high alkaline concrete surface, in combination with a water blocking wallcovering (e.g. vinyl top layer), the discoloration (drying process) can take up to 6 – 8 weeks

Application (paste the wall):

1. Paste the wall, one and a half material widths at a time, with a roller. The colour indicator of the adhesive will indicate where the paste is applied and quickly change to transparent (standard surface). The colour indicator will also indicate the correct application quantity. Thicker areas will stay pink for a while and should be spread out a little wider
2. Hang the paste the wall wallcovering directly onto the wall immediately after applying adhesive, ensuring air bubbles have been smoothed out and edges are stuck firmly to the wall. Do not allow adhesive to dry out
3. Wipe off excess paste and accidental splashes with a clean damp cloth or sponge



Application (paste the paper):

1. Paste the back of the wallpaper evenly and generously on a pasting table using a good quality wallpaper pasting brush (or pasting machine). Ensure all edges are pasted thoroughly
2. Fold pasted side of wallpaper together in a concertina fashion and allow wallpaper to soak in accordance with the wallpaper manufacturer's guidelines. Keep the decorative face of the wallpaper free from adhesive
3. Hang onto the wall using a wallpaper smoothing brush, ensuring air bubbles have been smoothed out and edges are stuck firmly to the wall
4. Wipe off excess adhesive and accidental splashes immediately from the decorative face of the wallpaper with a damp cloth or sponge

Dry removal requirements:

1. Non woven wallcoverings only!
2. Standard surface requirements apply: Substrates must be dry, clean, stable, smooth, sound and evenly absorbent
3. First wallcovering application only! Old paste residue may strengthen the bond to the surface, prohibiting successful dry removal
4. Metylan direct is used as supplied, without any adhesive admix (ratio 1 : 20)
5. Dry removal has to be specified in the wallcoverings manufacturer's instructions



TECHNICAL DATA

Composition	Methylcellulose adhesive with synthetic resin
Bulk density (unmixed)	550 – 630 g/litre
Appearance (unmixed)	Pink powder
Appearance (mixed)	Pink, dries clear
Odour	None
Working temperature	Do not use below 10°C (room and surface temperature)
Mixing ratio	See table – dissolving ratio
Viscosity	10000 – 18000 mPas (BF,RVT, 20 rpm; 1 : 20; 30min.)
Coverage	200+ g/m ² See table – dissolving ratio
Application	Paste the wall: Roller or brush Paste the paper: Wallpaper pasting brush or pasting machine
Shelf Life (unmixed)	24 months From date of manufacture in unopened package stored in cool, dry conditions protected from sunlight
Storage & transport	Product is temperature resistant (-20°C to +50°C). Under normal storage and transportation conditions no impairments of the product are to be expected.
Durability of mixed paste	Up to 7 days when stored in cool, dry conditions (+5°C to +25°C) in covered bucket
Drying time	15 hours to 3 days depending on porosity of substrate and ambient conditions
Bond reliability	Resists normal influences and stresses of property interiors (see Limitations)
Vapour transmission	Vapour permeable (according to DIN 4108-3, 3.1.4) (Sd-Value): Sd [m] ≤ 0,01 Method according to: DIN EN ISO 12572 (09-2001), approx. 200g/m ²
Removal	Dry stripping (paste the wall), wallpaper remover with water or steam wallpaper stripper

LIMITATIONS

Follow wallpaper manufactures instructions regarding recommended type of adhesive

For internal dry service areas only

Not suitable for areas of high temperature and humidity, e.g. kitchens, bathrooms, chimney breasts and around/ behind radiators

Not suitable for bonding vinyl/ vinyl wallpaper overlap seams

Cleaning the tools: With water immediately after usage

Product disposal: Dispose of waste and residues in accordance with local authority requirements

Package suitable for recycling only when totally empty



HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available on request.

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product is based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

Henkel Norden AB

Box 151 22

Gustavslundsvägen 151A

SE-167 15 Bromma, Sweden