



Paint Express T3 - Manual

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1. Introduction

This manual serves as a guide to the Paint Express T3 application. The software can be used to manage formulas for colour lacquers, stains and oils. Labels and documents can be printed and automatic dispensing systems can be operated.

1.1. Installation

Installation will be performed by a Hesse service technician. Please speak to your contact at Hesse to make an appointment.

1.2. Licensing

There are 2 different programme versions available:

Recipe-Book: standard version for formulation management.

Mixing machine version: licensing is also managed by Hesse.

A one-time flat fee is charged for set-up, licensing and service fees.

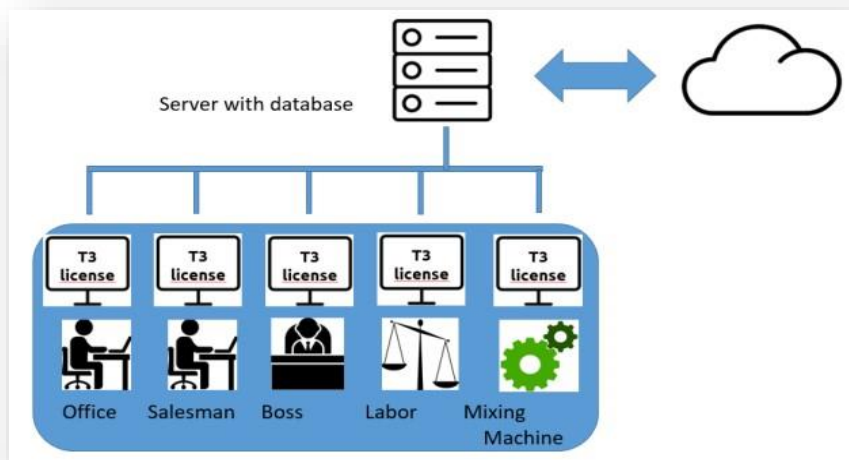
1.3. Single-user operation

Single-user operation involves the complete software, both the database and the application, being used on only one computer.

Single-user operation is only advisable if the Paint Express T3 application is only to be used at one workstation within a company.

1.4. Client-server operation

Client-server- operation involves Paint Express T3 being integrated into an existing network. The database is centrally located on a server and the Paint Express T3 application is installed on the users' computers, the so-called clients.



1.5. System requirements

Paint Express T3 can be installed on both 32bit and 64bit systems.

The following operating systems are supported:

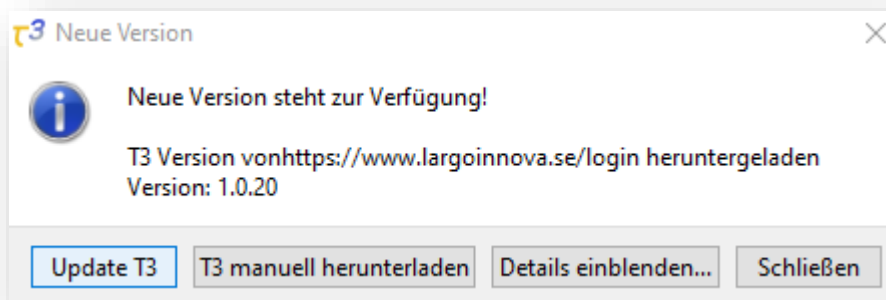
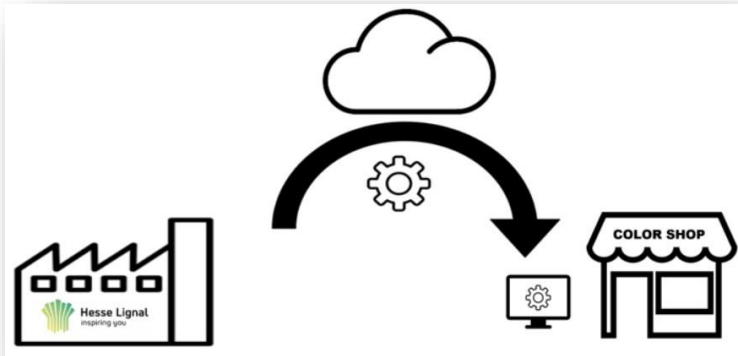
- Windows 10®
- Windows 11®
- Windows Server®

The following is also required for Paint Express T3 to function efficiently:

- All current Windows updates installed
- Administrative rights
- 8 GB working memory
- SSD hard drive
- Space on the hard drive: around 2.5 GB for server installation, around 70 MB for client installation
- Internet connection
- The latest browser version (Chrome is advisable, Edge as an alternative)

1.6. Programme updating and version number

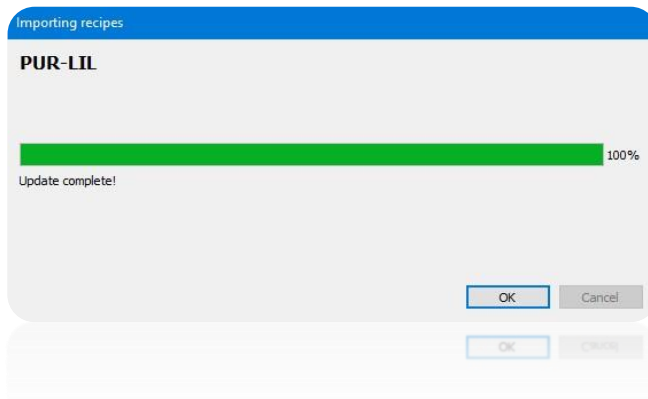
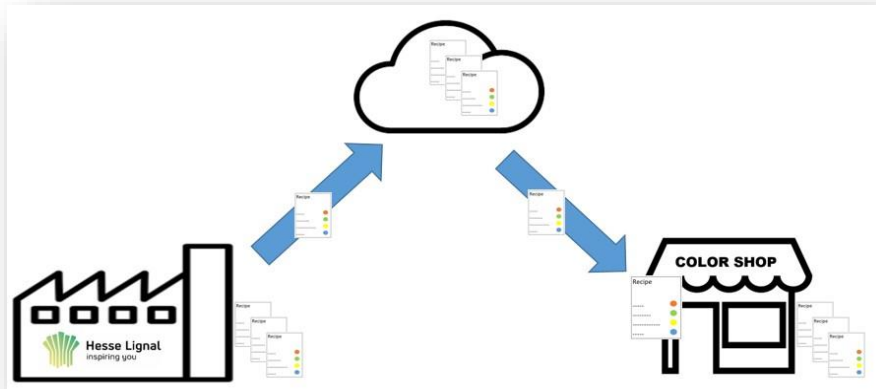
The T3 programme may be updated at irregular intervals. These updates will be tested and released by Hesse. The update will be stored in the cloud and installed according to your confirmation.



The version number is displayed via the menu item Help / "About T3"

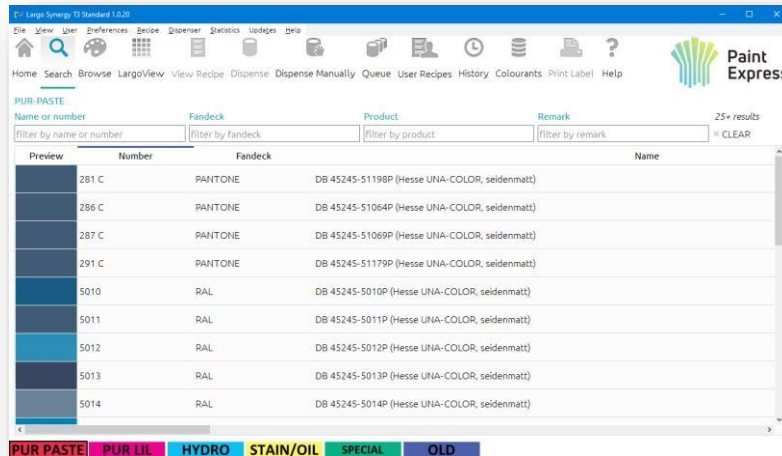
1.7. Updates to formulas

The formula database is updated several times a day via the cloud function. New formulas are automatically integrated



2. Programme functions

2.1. Overview



The following fields are only displayed when an automatic mixing machine is connected:



2.2. Data structure

The formulas are divided into different tabs for greater clarity. Click on the corresponding tab in the bottom left-hand corner to select one Bild neu



- **PU LIL:** this is where you will find the PU products if you are working with “lacquer-in-lacquer” mixing lacquers
- **PU Paste:** PU products that are mixed with colour pastes (by automatic mixing machine or by balance)
- **HYDRO:** water-based lacquers
- **HYDRO LIL:** this is where you will find the water-based products if you are working with “lacquer-in-lacquer” mixing lacquers
- **Stain/Oil:** stains and oils

- **Special:** this contains all the things that we consider to be special products and that are needed rather rarely, but are still available. It is therefore worthwhile searching in the Special tab if you cannot find individual products in the other databases

2.3. Product numbers

An indicator appended to the product in the form of a letter at the end distinguishes between the different production methods relating to colour lacquers:

M = Products produced using lacquer-in-lacquer

P = Products produced using pastes

PW = Products produced using pastes and a white base

For example: DB 45245-1000P

2.4. Searching for a formula



There are 3 different ways to search for formulas. Use the filters to narrow down the selection. Double-click on the respective formula to open it.

Name/number: full text search by colour tone number, colour tone designation

Examples: "9010", "7000-N", "DB 45245-9010"

Collection: filtering by colour cards. Examples: "RAL", "Hesse stain tones"

Product: filtering by product to narrow down the results. Examples: „DB 452“, „UNA“

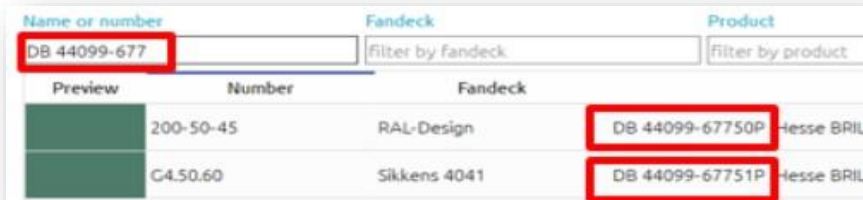


Inputs in the filters can be deleted again:



2.5. Searching by product number

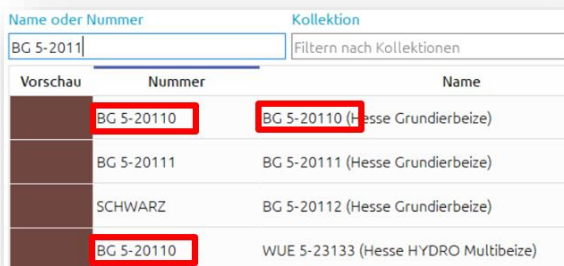
Enter the complete product number or only part of the product number (without *) in the "Name or number" field. Examples:



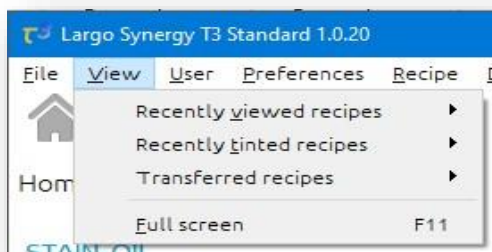
Note the differences between number and name.

Name = part number

Number = shade name



2.6. Searching by history



- This enables you to display recently viewed formulas
- It shows you the last colour tones dispensed using the automatic paste mixing machine. These can be additionally searched with the "History" button.



2.7. Selection of the desired amount / unit

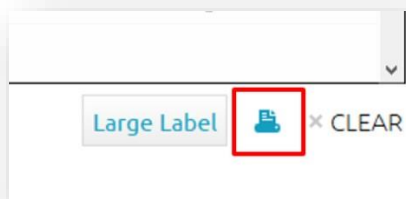
These superimposed amounts can be selected. Intermediate amounts can be entered in the top field.



The sales unit is litres, the formulation display is in grams. This cannot be changed.

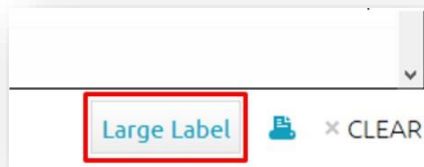
2.8. Printing of formulas

Print out of the formula on a connected default printer.




2.9. Printing full labels (large labels)

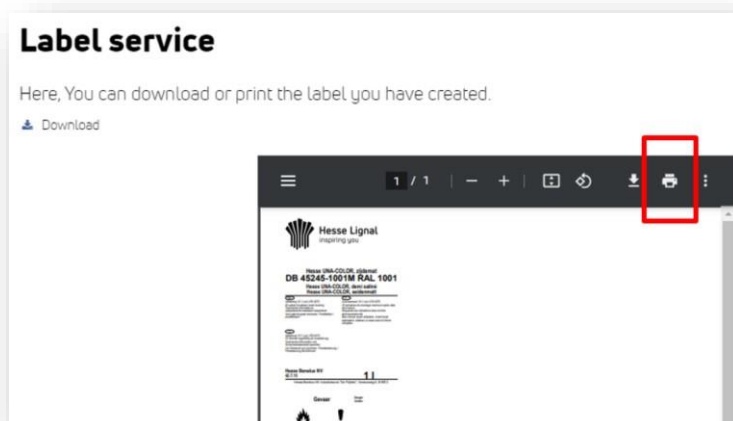
Printing of large labels (online only) is triggered via an internet application. To do this, click on the "Large label" button in the formula view.



Further data such as a batch number can be added in the template if desired.

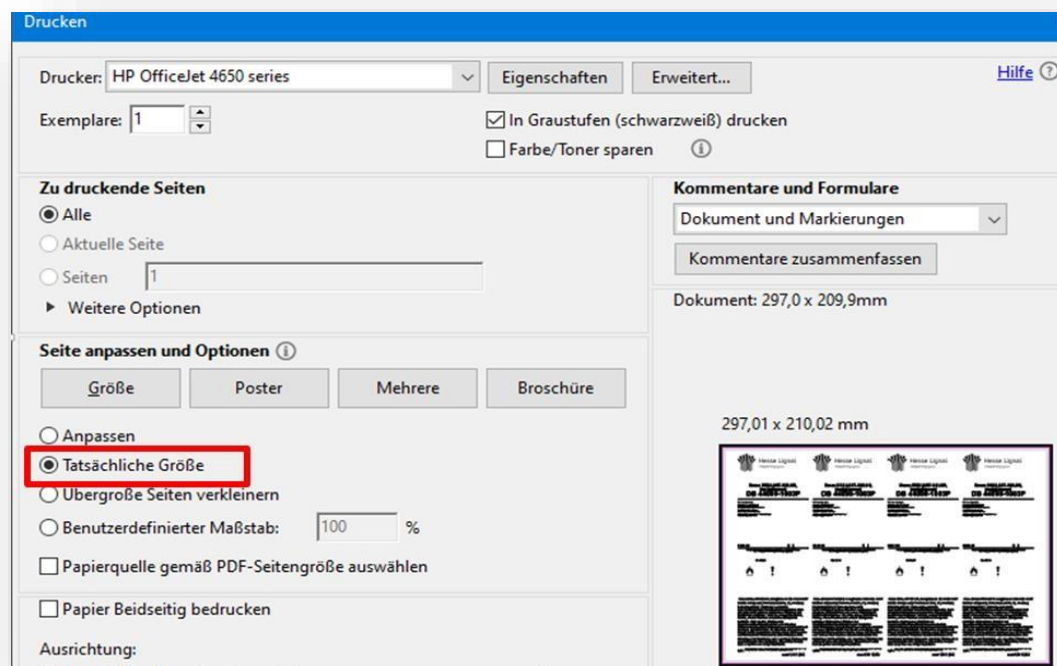
A screenshot of a web form titled "Label service". The form contains several input fields and dropdown menus. The fields are: "Item number *" (DB 45245-1001M (Hesse UNA-COLOR, seidenmatt)), "Customer number / license ID" (12345678), "Capacity *" (1), "Filling unit *" (Litres), "Color card / collection" (RAL), "Colour tone" (1001), "Comment text" (empty), "Batch number" (empty), "UFI" (RMHP-V0XX-E00N-J12N (77%),TVHP-E014-C004-JITU (21%),TSHP-W0AR-100), "Product" (DB 45245-FT (Hesse UNA-COLOR, seidenmatt)/LIL), "Number of labels per sheet *" (1), and "Labelposition *" (1). At the bottom left of the form is a dark button labeled "Create label".

Either print the label via the direct print button or download it.



2.10. Printer settings

When printing labels, it may be necessary to change the setting so that the print scheme matches the label. This may vary slightly depending on the printer. To do this, the scaling is issued in the print settings: Option: Scale to "Standard" or "Fit to paper size".



2.11. Labels for decants

The procedure is the same as for printing large labels. Here too a label is generated via the internet application. Access the input template via <https://www.hesse-lignal.com/etikettenservice/>.

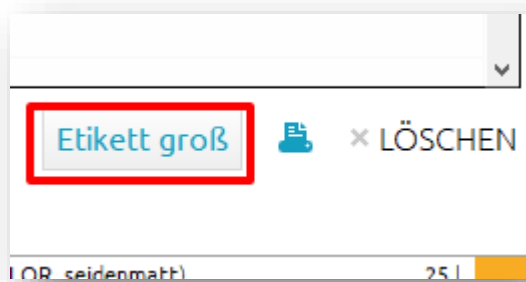
Please note that the Hesse customer number is entered when this service is used. This controls the language selection and the display of your company name.

2.12. Printing of mini labels (colour tone information, UFI)

Print out of small labels (only colour tone information, for example for label printing on automatic mixing machines. Including UFI code.) Alternatively via function key "F4".

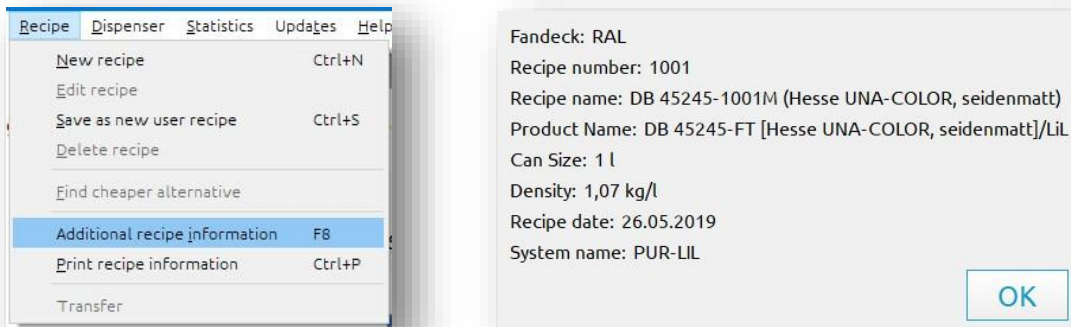


If the technical properties of a product change and a different hardener is required, a large, detailed label must be used. (Example: glass varnish)



2.13. Displaying formula information

Further information about the formula can be displayed, such as the density (F8):



2.14. Formulation status display

Every formula has a formulation status which is displayed as its release date. You should be aware of any potential new formulation status, especially in relation to subsequent deliveries of a colour tone.

Updated: 26.05.2019

3. Automatic paste mixing machines

3.1. Control of the mixing machine

You can dispense the desired lacquer from a formula by clicking the "Dispense" function or by pressing the "F2" key.



3.2. Manual dispensing

Small amounts for subsequent dispensing can be dispensed via "dispense manually". These can be saved as a customer formulation if required.



3.3. Pastes



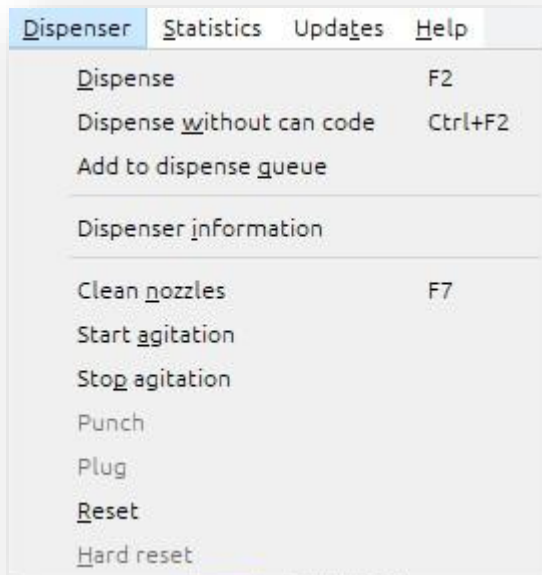
The management and refilling of pastes is controlled by the “Colourants” button. Simply enter the amount in litres when refilling.



The filling volume can be corrected by entering a negative number, e.g. -1.2.

Double-clicking on the Paste button moves the canister forward for better filling.

3.4. Cleaning



“Clean nozzle” or “F7” can be used to clean your system daily.

3.5. Warning messages

| Code | Name | | |
|----------------|---------------------------------------|-------------------------------------|----------|
| LPM 4896 | Lösemittel Pigmentkonzentrat, schwarz | <input checked="" type="checkbox"/> | 0,34 g |
| LPM 4810 | Lösemittel Pigmentkonzentrat, ocker | <input checked="" type="checkbox"/> | 5,28 g |
| LPM 4815 | Lösemittel Pigmentkonzentrat, ocker | <input checked="" type="checkbox"/> | 0,01 g |
| EL 460-0030 | Struktur-Zusatz | <input checked="" type="checkbox"/> | 112,68 g |
| DBM 48884-0901 | FANTASTIC-COLOR Basislack, seidenmatt | <input checked="" type="checkbox"/> | 161,63 g |
| LPM 4171 | Lösemittel Pigmentkonzentrat, weiss | <input checked="" type="checkbox"/> | 330,69 g |

If individual components in a formula are highlighted in red, a warning has been issued and is then displayed.

- Container not sufficiently filled: double-click on the corresponding paste to access the "Paste" menu for topping up.
- Missing colour paste: if an additive is not contained in the machine, for example, it needs to be added manually.
- If the paste is below the minimum dispensable amount, this can be ignored, the next larger packaging size can be selected or dispensing via TINT-AID can be used.
- If the size of a container is not sufficient for the dosing, you can dose, for example, 2x half the quantity.

Example: A recipe (25 liters) requires 4 liters of yellow pigment. The maximum filling level of the container for the paste is only 3 liters. In this case, you dose 12.5 liters twice into the bucket.

3.6. Non-dispensing of individual components

Individual components may not need to be dispensed, depending on the mode of operation. To do this, remove the hook.

| Nummer | Name | | |
|----------------|---|-------------------------------------|----------|
| LPM 4896 | Lösemittel Pigmentkonzentrat, schwarz | <input checked="" type="checkbox"/> | 0,63 g |
| LPM 4834 | Lösemittel Pigmentkonzentrat, rot-blaustichig | <input checked="" type="checkbox"/> | 8,26 g |
| LPM 4813 | Lösemittel Pigmentkonzentrat, GELB-ROTS... | <input checked="" type="checkbox"/> | 68,86 g |
| EL 460-0029 | Struktur-Zusatz | <input type="checkbox"/> | 111,17 g |
| DBM 48884-0901 | FANTASTIC-COLOR Basislack, seidenmatt | <input checked="" type="checkbox"/> | 146,57 g |
| LPM 4171 | Lösemittel Pigmentkonzentrat, weiss | <input checked="" type="checkbox"/> | 263,75 g |

3.7. Dispensing tiny amounts

It is well known that the dispensing accuracy of mixing machines has its limits: the fluctuation is relatively high, especially when dispensing very small amounts of < 0.2ml.

A warning message appears when dispensing less than 0.2ml. Avoid this message by selecting larger packaging. Alternatively: either dispense anyway, possibly resulting in a slightly inaccurate amount, or do not dispense this pigment. If not dispensed, this pigment is naturally absent from the formulation, so the colour tone may also deviate. Adding the missing tiny amount manually is also difficult. The solution offered by Hesse for this problem is called TINT-AID.

| Code | Name | | |
|----------------|--|-------------------------------------|----------|
| LPM 4171 | Lösemittel Pigmentkonzentrat, weiss | <input checked="" type="checkbox"/> | 192,46 g |
| LPM 4896 | Lösemittel Pigmentkonzentrat, schwarz | <input checked="" type="checkbox"/> | 0,08 g |
| LPM 4810 | Colourant below minimum dispensable amount: LPM 4815 Colourant below minimum dispensable amount: LPM 4896 | <input checked="" type="checkbox"/> | 0,80 g |
| LPM 4815 | Lösemittel Pigmentkonzentrat, GELB | <input checked="" type="checkbox"/> | 0,09 g |
| DBM 48884-0901 | FANTASTIC-COLOR Basislack, seidenmatt | <input checked="" type="checkbox"/> | 178,06 g |

3.8. Using TINT-AID

As a third option for dosing small amounts < 0.2ml, you have the option of adding the missing pigment manually via TINT-AID colour pigments. The amounts to be added are so insignificant that they can easily be added using a pipette or a bottle with a draw tube closure. You will not need to purchase any additional products, since TINT-AID can easily be produced using the mixing machine. You can find the formulas for the TINT-AID pastes in the "TINT-AID Pastes" colour card.

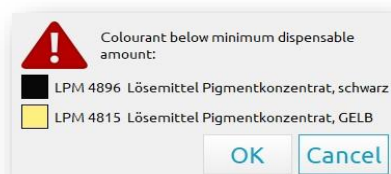
The minimum amount will not be dispensed when using TINT-AID, but the TINT-AID formula will appear on screen. Use a balance to manually dispense the TINT-AID pastes at the end of the automatic dispensing process.

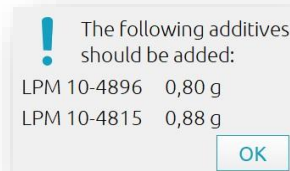
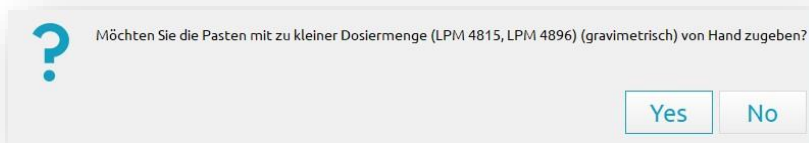
Advantages of the concept:

- Easy to use
- Better colour tone accuracy
- No additional purchases required

Should you not wish to use TINT-AID, this can be turned off in the settings.

This is how it works:





The recipe is changed in the view and can be printed. Manually dose the TINT-AID pastes on a scale at the end of the automatic dosing process.

3.9. Base

Be sure to use the right base material and the right amount when dispensing. The required base material will be displayed here:



If "Base: None" is displayed, then it involves a formula that is mixed without a pre-filled base material.



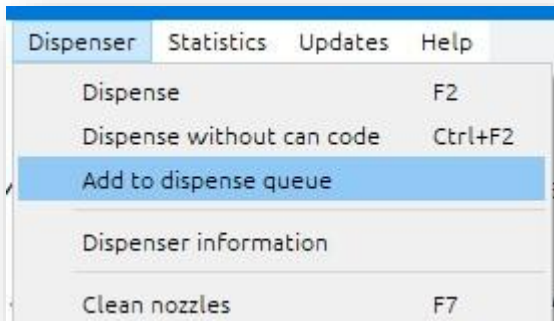
3.10. Alteration to dispensed amounts

Should you wish to alter the amounts from the formula when dispensing, you can right click to make an adjustment in the formula to be dispensed.

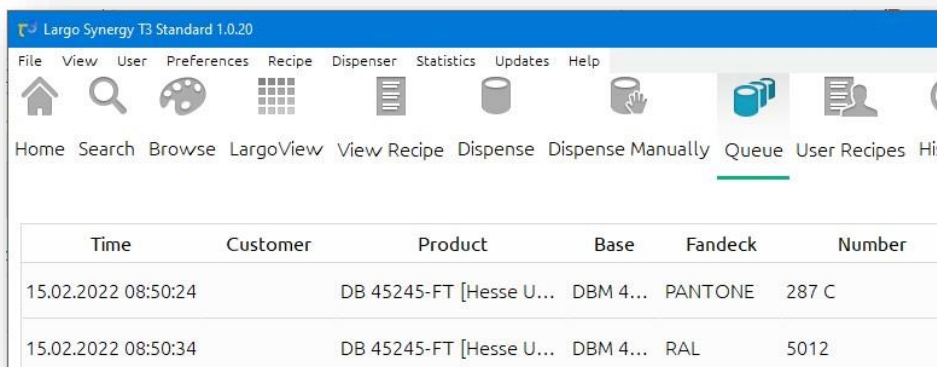
| Code | Name | Weight | Adjustment |
|----------|---|----------|------------|
| LPM 4850 | Lösemittel Pigmentkonzentrat, blau-rotstichig <input checked="" type="checkbox"/> | 103,34 g | -1,00 g |

3.11. Queue

Instead of dispensing a recipe, you can queue a recipe.

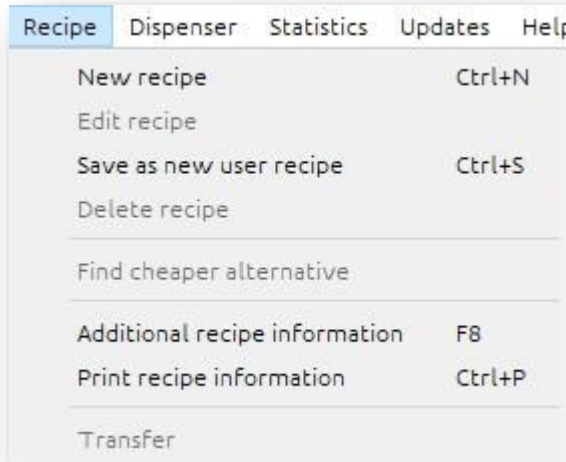


You can then display and dose the recipes at a later time. To do this, open the recipe and go to Dosing.

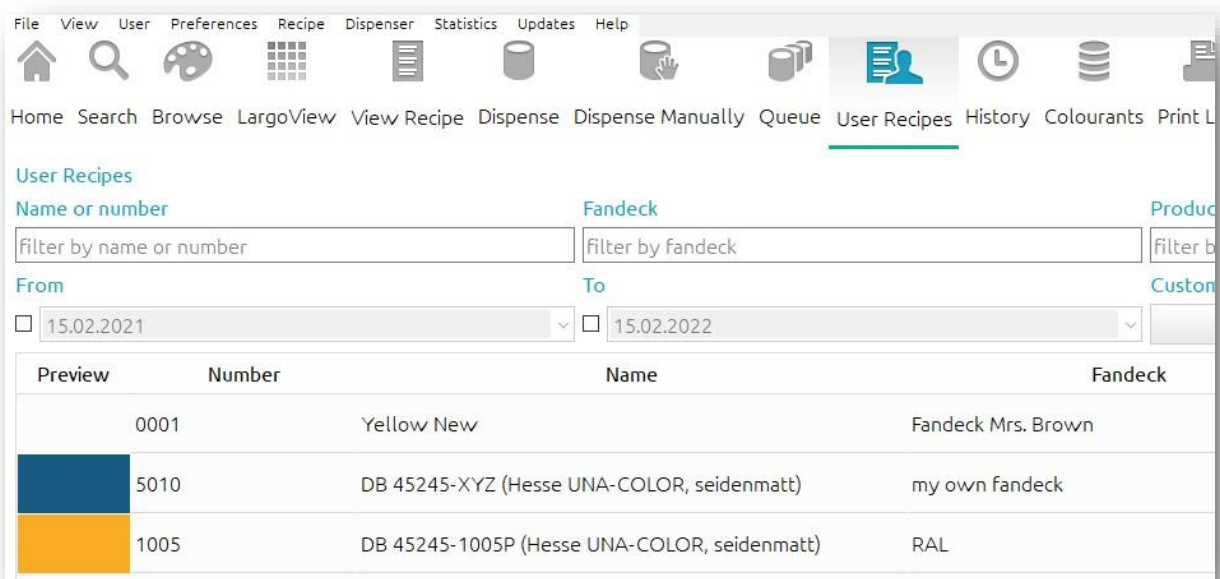


4. Customer formulations

Hesse formulas cannot be altered, but they can be saved as an in-house formulation. Customer formulations contains a list of all in-house formulations. These formulations are stored separately from the standard formulas and are not affected by an update to the standard formulas. These customer formulations are saved on your computer or server and are not loaded via the cloud.



4.1. Searching for customer formulations



Use the filter to display the desired formulation.

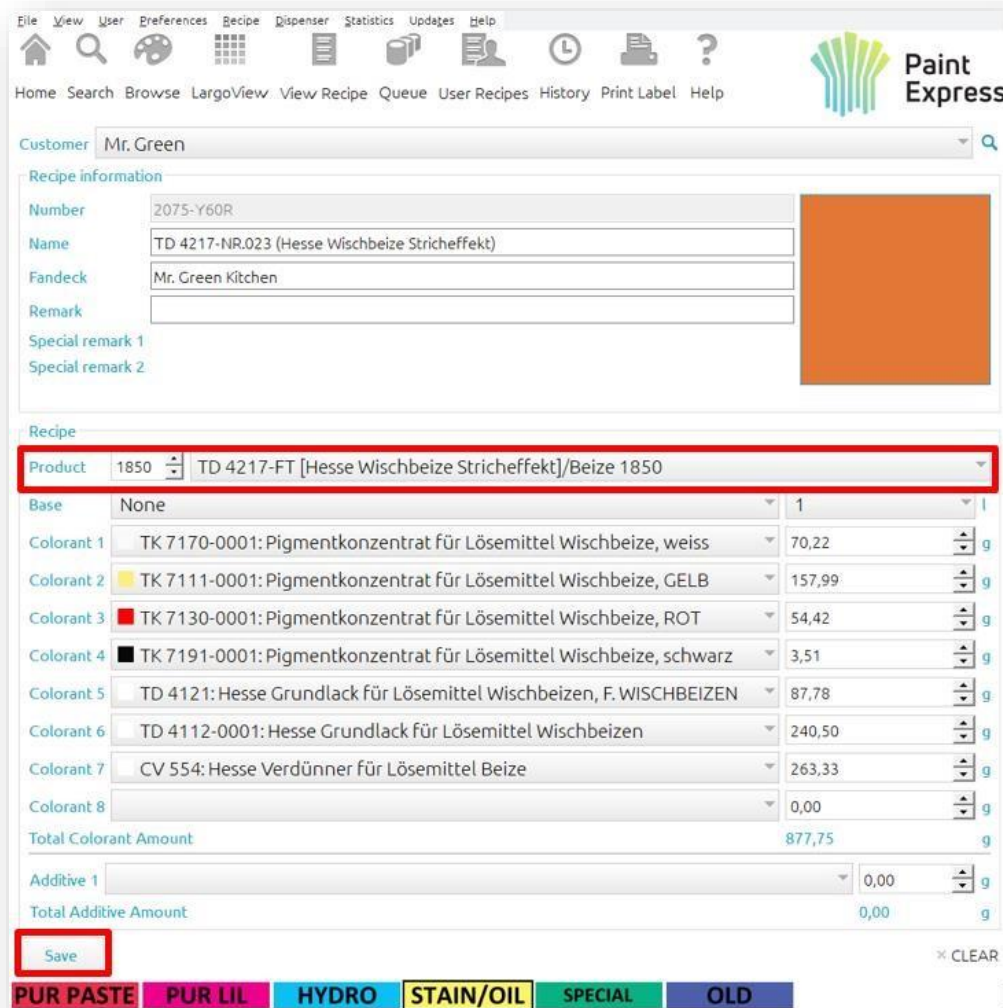
4.2. Saving existing formulas as customer formulations

Each formula can also be saved as a new customer formulation by using the menu or "Ctrl + S". Comments and customer details can then be added and formula alterations made.

4.3. Creating customer formulations

The "Formula" menu or the "Ctrl + N" key combination can be used to input in-house formulations via the input screen. After selecting the pastes, the formula is filled out in grams and the formulation is saved. Short notes for the label can be entered under Comments.

The entry in the "Product" field is important. This controls the relevant data for the label.



Customer: Mr. Green

Recipe information

Number: 2075-Y60R

Name: TD 4217-NR.023 (Hesse Wischbeize Stricheffekt)

Fandeck: Mr. Green Kitchen

Remark:

Special remark 1:

Special remark 2:

Recipe

Product: 1850 TD 4217-FT [Hesse Wischbeize Stricheffekt]/Beize 1850

Base: None 1

| Colorant | Material | Amount (g) |
|-----------------------|---|------------|
| Colorant 1 | TK 7170-0001: Pigmentkonzentrat für Lösemittel Wischbeize, weiss | 70,22 |
| Colorant 2 | TK 7111-0001: Pigmentkonzentrat für Lösemittel Wischbeize, GELB | 157,99 |
| Colorant 3 | TK 7130-0001: Pigmentkonzentrat für Lösemittel Wischbeize, ROT | 54,42 |
| Colorant 4 | TK 7191-0001: Pigmentkonzentrat für Lösemittel Wischbeize, schwarz | 3,51 |
| Colorant 5 | TD 4121: Hesse Grundlack für Lösemittel Wischbeizen, F. WISCHBEIZEN | 87,78 |
| Colorant 6 | TD 4112-0001: Hesse Grundlack für Lösemittel Wischbeizen | 240,50 |
| Colorant 7 | CV 554: Hesse Verdünner für Lösemittel Beize | 263,33 |
| Colorant 8 | | 0,00 |
| Total Colorant Amount | | 877,75 |

Additive 1: 0,00 g

Total Additive Amount: 0,00 g

Save

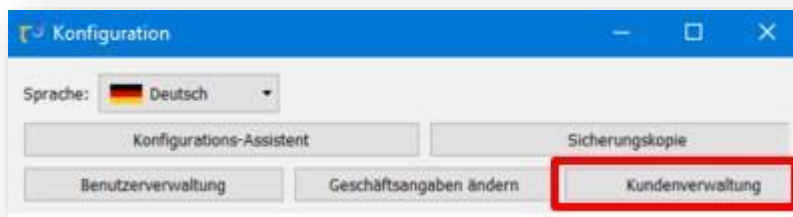
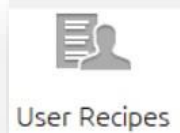
PUR PASTE PUR LIL HYDRO STAIN/OIL SPECIAL OLD

4.4. In-house colour tone cards

Greater clarity can be achieved by entering an in-house colour card name in the input screen's Collection field

4.5. Maintenance of customer data

Customer formulations can be assigned to customers. Customer data can be maintained both via the input screen and via Configuration (F9).



Hesse formulas cannot be altered but should rather be copied as an in-house formula and saved in the in-house colour tone card for alteration.

4.6. Deleting a formula

This function can be used to delete a formula.

4.7. Data backup

Data such as customer formulations are saved once a week as a backup and can be restored in the event of problems.

4.8. Labels for customer recipes

Labels are created from the recipe as described in the Labels chapter.

If only one label is to be created without creating a recipe, proceed as follows: Open a similar recipe (same system) and request a large label.



Large Label

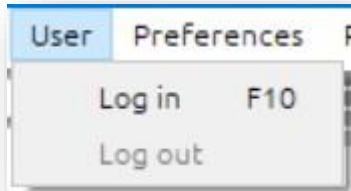
In the input mask, change the article number and color name. It is important that the data in the Product field are not changed. These must correspond to the coating or stain used.



Produkt
DB 44099-FT [Hesse BRILLANT-COLOR, hochglänzend]/Paste

5. General configuration

5.1. Login



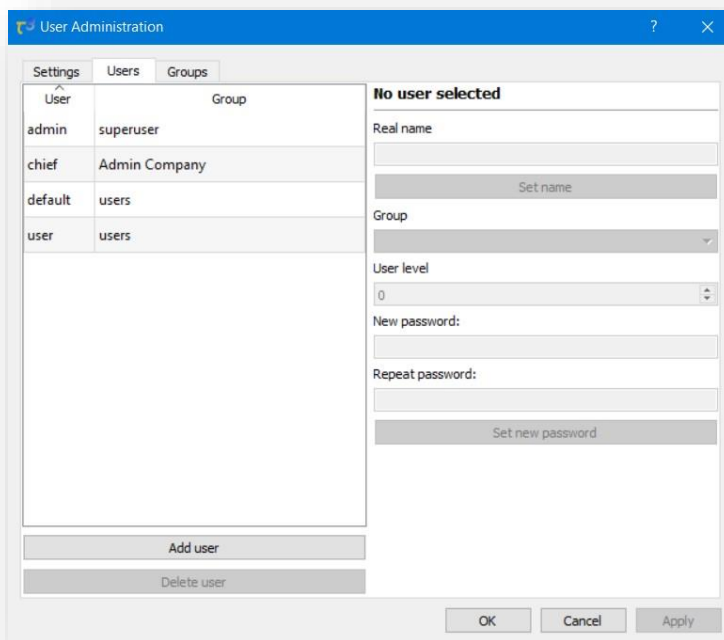
User administration is performed via the “User” menu.

Enter your username and password and click on “OK” to log in. Note: both username and password are case sensitive. For instance “testuser” and “testUSER” are different users, and “password” and “PASSWORD” are different passwords.

The lower left corner of the programme can always be used to see who is logged in. Double-clicking on a user name opens the Login window.

Assigning rights defines which menu items can be activated.

Here you will find a list of which menu items are released with which rights:



All menu items not listed here are accessible to every user.

5.2. Configuring your language

Using the “Configuration” menu item in Paint Express T3 enables you to select your language. This controls the language of the programme. The language for label texts is taken from the default settings in the Hesse customer data.



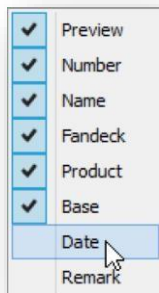
5.3. Column display

Sorting within lists can be configured by the user. Click on the title of the column by which you want to sort. Click again to switch the order (increasing/decreasing).

The column size and order can be freely changed. Move a column to a new position by clicking and dragging it. You can alter the width of a column by clicking and dragging the edge between two columns

When the following cursor icon appears:

Right-click on the title bar to select the desired columns.



5.4.Reduction of the displayed lacquer systems

In Paint Express, you have a large selection of different lacquer, stain and oil systems. You can hide unused systems to avoid displaying all systems during a formula search, which makes selection easier. The configuration can be performed by your Hesse service technician

5.5. Configuring the default printer

This configuration will also be performed by your Hesse service technician.

5.6. Configuring the company address for label printing

The company address for small labels can be amended via Configuration/ Business details.

5.7. Function keys

- F1 = Help
- F2 = Dispensing (for automatic dispensing equipment)
- F4 = Print a small label (for automatic dispensing equipment)
- F7 = Nozzle cleaning (for automatic dispensing equipment)
- F8 = Display formula information (product numbers, names, amounts, prices)
- F9 = Configuration
- F 10 = Switch user
- F 11 = Toggle full screen
- Ctrl + N = New formula
- Ctrl + S = Save formula as a new customer formulation
- Ctrl + P = Print formula

5.8. Paint Express T3 and colorimetry AFX

PEX-2-MiMa software is required to be able to use the AFX Data Color colorimetry software. It is the interface between AFX and the mixing machine and manages the dispensing commands from AFX. Formulas from the AFX colorimetry software cannot be managed via Paint Express T3.

Paint Express T3 and AFX cannot be used at the same time.



6. Home page availability

Our home page is available via the internet and contains a wealth of additional information.



Please right-click to access it. Select the **“Open in a new window”** option.

6.1. Product range

Which products can I produce using Paint Express? What components do I need for this? All these questions are answered in the Product range section.

https://www.hesse-lignal.com/en_EN/service/paint-express-mixing-system/

6.2. Manuals

This is where you will find manuals for the software and for the stain mixing system:

https://www.hesse-lignal.com/en_EN/service/paint-express-mixing-system/

6.3. Technical product information

This is where you can search for information on mixed products and download our technical information:

https://www.hesse-lignal.com/en_EN/products/product-search/

6.4. Material safety data sheets

This page enables you to download the safety data sheets for all mixed products as a collective download.

https://www.hesse-lignal.com/en_EN/service/paint-express-mixing-system/paint-express-material-safety-data-sheets/

The programme is unable to perform an assessment for risk statements, so the collective safety data sheets need to be used for such risk statements. The data is presented as a worst-case assessment for each system. You can select the corresponding data sheet by specifying the correct lacquer system in the customer formulation.

Use those collective safety data sheets which, depending on the lacquer system, are marked with the suffix PEX for Paint Express and with **-FT** (for colour tone) in the product number:

e.g. in the case of a CL stain **PEX_CL_X-FT**, in the case of a DB 45245-Colour lacquer **PEX_DB_45245-FT**.

6.5. Effects and technical descriptions

Download the technical descriptions that contain a wide variety of information about effect coatings, care instructions and general lacquering recommendations.

https://www.hesse-lignal.com/en_EN/inspiration/effects/

6.6. Accessories

Many items needed to produce stains, oils and colour lacquers can be ordered from Hesse. This link provides an overview of our product range

https://www.hesse-lignal.com/en_EN/service/paint-express-mixing-system/

6.7. Labels for decanting

You will need labels if you wish to decant sample amounts, for example. You can use the input screen to print labels for all the products you have purchased. Be sure to enter your customer number.

https://www.hesse-lignal.com/en_EN/label-service/

6.8. Conversion tool for old formulations

Do you still have old formulas that you would like to manage using Paint Express T3?

- If you managed your in-house formulations using other programmes, you will find an Excel table with the "Formulation conversion tool". This can be used to convert formulations that were created using the old base material names, or the old White paste NZM 7200, into those with the current base materials.
- In the case of many formulations that were created using the old Paint Express 3.1 software, we can convert the data into the new format via data export. Have a word with our service technician.

6.9. Weighing correction

Weighing correction gives you the option of correcting the formula according to your own weight determination. The remaining formula components are then proportionally increased. To do this, open the Excel table after downloading it and enter the desired formula and the actual amount dispensed. All other formula components will then be automatically adjusted.

https://www.hesse-lignal.com/en_EN/service/paint-express-mixing-system/

6.10. TeamViewer

We offer "Team Viewer" software to enable you to receive support from our service technicians. This enables the technician to connect to your computer, given your approval, and to provide the best possible support.

6.11. Tutorials

We have made small videos on various topics. They show in short 2-3 minute videos the handling of the program. However, the tutorials are not available in all languages.

7. Using Paint Express T3 to calculate prices

The formula can be used to display the price for complete packaging. The price is always calculated as follows:

Prices of the pastes + prices of the base materials (e.g. for automatic mixing machine) + surcharge price for small packaging + profit surcharges + VAT + handling surcharge per packaging unit.

It is important to consider what price you ultimately want to charge. E.g. only raw material costs or complete calculations.

All prices must be maintained in €/Ltr. Other currencies are also possible.

7.1. Pricing

Price of the pastes: the price of the dispensed product (price/litre) is calculated depending on the proportion of pastes and additives with different values

Price of the bases: the price of the base material (price/litre) is entered for paste formulations involving clear or white base lacquers

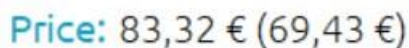
Surcharges for small packaging: maintenance of the surcharges is relatively timeconsuming and is managed via the **product price**. This is where the surcharges per packaging unit are entered. Please note: a surcharge will not be calculated if you calculate packaging sizes other than those that are saved.

Profit surcharges: a profit calculation can involve percentage surcharges being applied to the pastes, to the bases and to the small packaging surcharges (to achieve a so-called product price)

Minimum price: a minimum price can be set, which will not be undercut.

Surcharge per packaging unit: a surcharge per packaging unit can additionally be levied, e.g. to account for handling costs.

VAT: The price is shown with VAT. The net price is indicated in brackets. Display of the price with VAT can be hidden if so desired.



Price: 83,32 € (69,43 €)

Quick display of the price in lists: use the **F8** function key

7.2. Basic configuration

There are two ways of configuring:

- Via the Pricing configuration tab (F9) or
- RECOMMENDED: via an Excel table. This can be stored centrally on a server and is quicker to set up. See description:

Procedure:

7.2.1. Create price list (configuration/pricing).

Save it as an Excel table. Exit T3, open the file in Excel. Alternatively, use the file we provide.

7.2.2. Spreadsheet with colorant prices:

Enter the purchase price (price/litre) of the paste and all additives.

| | Nummer | Name | Preis |
|--|-----------|---------------------------------|---------|
| | BF 1010 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1030 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1046-5 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1060 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1080 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1110 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1120 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1290 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BF 1880 | Hesse HYDRO Farbstoffkonzentrat | 10,00 € |
| | BP 3011 | Hesse HYDRO Pigmentkonzentrat | 10,00 € |
| | BP 3031 | Hesse HYDRO Pigmentkonzentrat | 10,00 € |
| | BP 3034 | Hesse HYDRO Pigmentkonzentrat | 10,00 € |

7.2.3. Spreadsheet with base prices:

The price per litre of the base is entered here. This price must be identical to the base prices listed in the Colorant Prices table. A base price should be entered for all coating systems. For easier processing, the columns can be sorted by the different base materials and the price entries can then be copied.

| ID | Name | Base | Preis |
|----|---|----------------|---------|
| 10 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt]/LiL | None | 0,00 € |
| 11 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt]/Paste | DBM 42994-0901 | 50,00 € |
| 11 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt]/Paste | None | 0,00 € |
| 20 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur fein]/LiL | None | 0,00 € |
| 21 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur fein]/Paste | DBM 42994-0901 | 50,00 € |
| 21 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur fein]/Paste | None | 0,00 € |
| 30 | DB 45205-FT [Hesse UNA-THIX-COLOR, seidenmatt]/LiL | None | 0,00 € |

7.3. Complete price calculation

The inputs for the basic configuration are sufficient if you only want to calculate the pure raw material costs. The following fields can also be filled in for further calculations.

7.3.1. Pricing spreadsheet:

enter your surcharges if a complete calculation is to be made

| Key | Value |
|--|--------|
| VAT | 0,00% |
| Colourant margin | 0,00% |
| Base margin | 0,00% |
| Product margin | 0,00% |
| Price group price margin | 0,00% |
| Price group calculation includes margins | FALSCH |
| Price group calculation includes VAT | FALSCH |
| Surcharge per can | 0,00 € |
| Incl. VAT | WAHR |
| Minimum price | 0,00 € |
| Incl. VAT | WAHR |
| Barcode Type (Product) | EAN13 |
| Barcode Type (Price Group) | EAN13 |

7.3.2. Spreadsheet with product prices:

Enter the small packaging surcharge prices per lacquer system. This only has to be entered where a base is listed in the Base column.

| ID | Name | Base | Can Size | Price | Barcode |
|----|--|------|----------|--------|---------|
| 10 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt] | None | 1 | 0,00 € | |
| 10 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt] | None | 3 | 0,00 € | |
| 10 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt] | None | 5 | 0,00 € | |
| 10 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt] | None | 15 | 0,00 € | |
| 10 | DB 45245-FT [Hesse UNA-COLOR, seidenmatt] | None | 25 | 0,00 € | |
| 20 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur] | None | 1 | 0,00 € | |
| 20 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur] | None | 3 | 0,00 € | |
| 20 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur] | None | 5 | 0,00 € | |
| 20 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur] | None | 15 | 0,00 € | |
| 20 | DB 42214-FT [Hesse UNA-COLOR Perlstruktur] | None | 25 | 0,00 € | |
| 30 | DB 45205-FT [Hesse UNA-THIX-COLOR, seidenmatt] | None | 1 | 0,00 € | |
| 30 | DB 45205-FT [Hesse UNA-THIX-COLOR, seidenmatt] | None | 3 | 0,00 € | |
| 30 | DB 45205-FT [Hesse UNA-THIX-COLOR, seidenmatt] | None | 5 | 0,00 € | |
| 30 | DB 45205-FT [Hesse UNA-THIX-COLOR, seidenmatt] | None | 15 | 0,00 € | |
| 30 | DB 45205-FT [Hesse UNA-THIX-COLOR, seidenmatt] | None | 25 | 0,00 € | |

The Excel filter can be used for faster input.

7.4. Installation of the prices

Subsequently save the file

- a) on your computer or
- b) centrally on your server (if multiple employees access it)

Care must be taken to ensure that all prices are entered in full in order to prevent miscalculations.

8. Service and support

8.1. Help menu

The F1 key can be used to access the software manufacturer's manual from any part of the programme.

8.2. Support

If you have any questions or encounter any issues relating to the Paint Express T3 software, please contact our Paint Express Service at paint-express@hesse-lignal.de or alternatively your customer account manager.

8.3. TeamViewer

It is possible for our service technicians to connect to your computer via the internet for better support.

Simply download TeamViewer https://www.hesse-lignal.com/en_EN/service/support/.