



Werner Müller GmbH  
PVC-Kaltschweißtechnik

## PVC-Cold-Welding Technique

Perfect accessory for a successful seam sealing of  
PVC-floor coverings / PVC-wall coverings and PVC-wallpapers



practical | waterproof | durable





# The Werner Müller PVC-Cold-Welding System

## ▶ TYPE A ▶ TYPE T ▶ TYPE C

Seam sealing of PVC-floor coverings/PVC-wall coverings and PVC-wallpapers



The 3 PVC-Cold-Welding Products are made of the same content but with different concentration, therefore the consistency varies from **thin** (TYPE A) to **paste-like** (TYPE T, TYPE C).

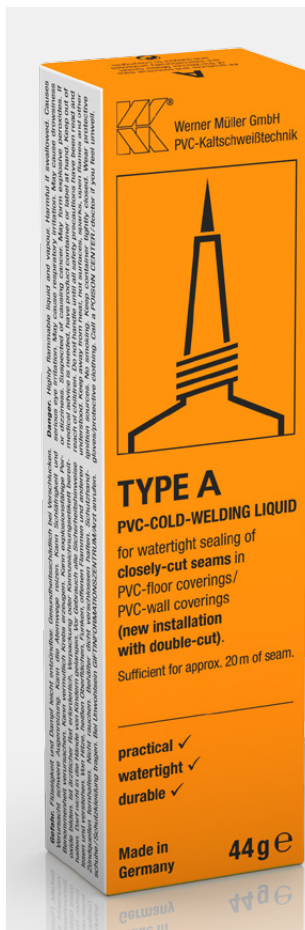


## Cold-Welding of PVC-floor coverings / PVC-wall coverings with closely-cut seam

### New installation

4 | 10

# ▶ TYPE A PVC-Cold-Welding Liquid



### Field of application

- ▶ Seam sealing of PVC-floor coverings / PVC-wall coverings with **closely-cut seam** (new installation with double cut)

### Characteristic

- ▶ Firmly mounted **steel needle** with special cap

### Properties

- ▶ very high seam tensile strength
- ▶ durable, waterproof seam sealing
- ▶ nearly invisible seams
- ▶ ready for use and reusable

### Process

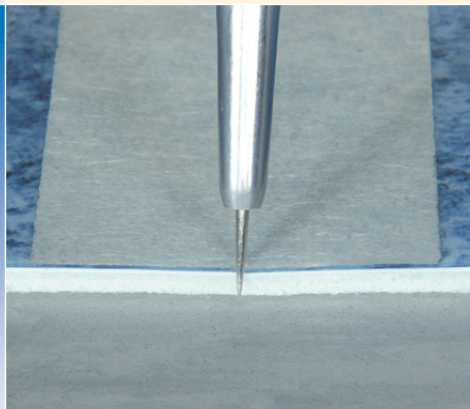
The steel needle penetrates deep into the seam area, opens it temporarily and the cold-welding liquid flows along the needle into the seam. Thus adjacent sheets will be temporarily dissolved and joined together strongly and permanently in the whole cross section of the seam.

To protect the surface of the floor covering the seam area will be covered with a special masking tape before welding.

### Delivery programme

Available in displays with 30 pieces each.

*The durability lasts 3 years from the date of manufacturing, if the product is always kept dry, free of frost and not stored above 30 °C.*





# Cold-Welding of PVC-floor coverings / PVC-wall coverings with closely-cut seam

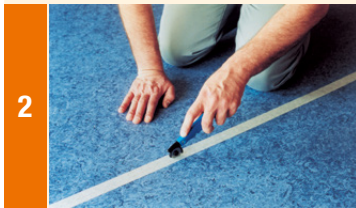
## 3 steps to a successful seam sealing exemplified by TYPE A



With few tools you achieve a lot!



Attach a special masking tape centred over the closely-cut seam and press on with the seam roll.



Cut the masking tape in the seam area with a rolling knife, a trapezoid blade or a hook blade. In case of stiff or little flexible PVC-floor coverings (for instance Commercial Floor Coverings) warm up the seam area to a maximum of 40 °C by using a blow dryer or an iron before welding.



*Always work with both hands!*

*Hold the tube in such a way that the index finger of one hand guides the cannula and the other hand holds the tube.*

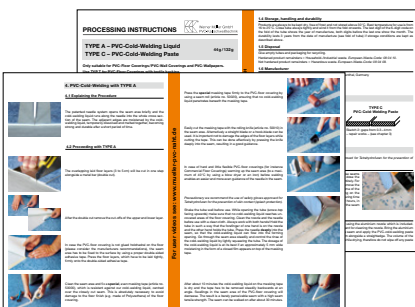
Press the needle deeply into the seam, go through the seam area steadily and control the rinse in a way to get an approximately 5 mm wide moistening on top of the masking tape.



Remove the masking tape about 10 minutes after the welding by pulling it steadily backwards at an angle.

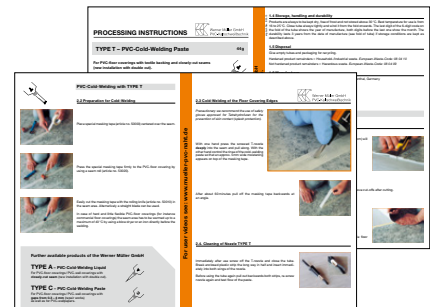
**The result:**  
**A nearly invisible and waterproof seam!**

### TYPE A/C



Please find detailed instructions in each product packaging.

### TYPE T



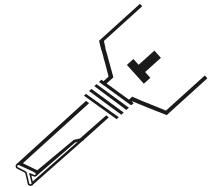


## Cold-Welding of PVC-floor coverings with closely-cut seam

### New installation

6 | 10

# ▶ TYPE T PVC-Cold-Welding Paste



### Field of application

- ▶ Seam sealing of PVC-floor coverings with **textile backing** and **closely-cut seam** (new installation with double cut)

### Characteristic

- ▶ **T-nozzle** (T-shaped attachment for the nozzle)

### Properties

- ▶ levelling of height differences of seam edges while welding
- ▶ optimal seam guidance
- ▶ T-shape of the nozzle and consistency of the paste prevent absorption of the cold-welding product by the textile backing

### Process

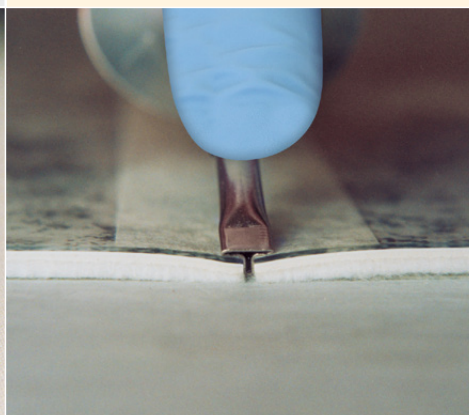
Same procedure as for TYPE A, whereby with TYPE T the T-nozzle takes the position of the needle.

To protect the surface of the floor covering the seam area will be covered with a special masking tape before welding (same as for TYPE A).

### Delivery programme

Available in displays with 30 pieces each.

*The durability lasts 3 years from the date of manufacturing, if the product is always kept dry, free of frost and not stored above 30 °C.*

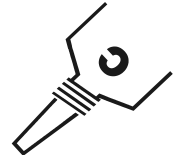




## Cold-Welding of PVC-floor coverings / PVC-wall coverings with gaps (0.3 to 4 mm) and PVC-wallpapers

### Repair works

# ▶ TYPE C PVC-Cold-Welding Paste



### Field of application

- ▶ Seam sealing of PVC-floor coverings / PVC-wall coverings with **gaps of 0.3 to 4 mm** (repair works)
- ▶ PVC-wallpapers

### Characteristic

- ▶ **C-nozzle** (with attachment for narrow gaps)

### Properties

- ▶ can be used with or without attachment
- ▶ narrow gaps and PVC-wallpapers – with attachment
- ▶ wide gaps – without attachment

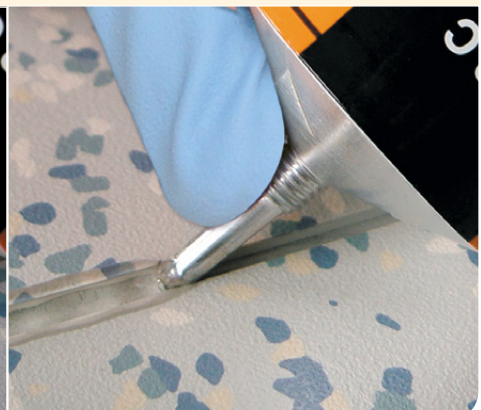
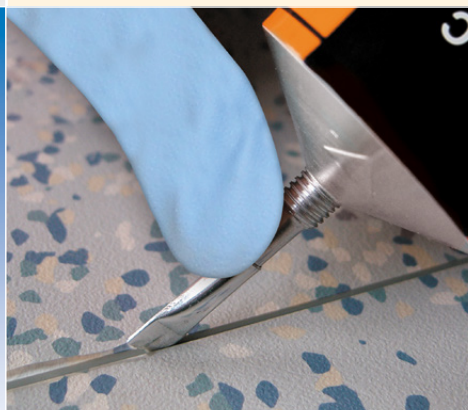
### Process

TYPE C is used for repair works. When doing repair works different widths of gaps in PVC-floor coverings need to be filled. In case of narrow gaps a nozzle attachment made of aluminium will be put on the cannula and afterwards it will be guided upright through the joint. In case of wide gaps the PVC-Cold-Welding Paste will be applied without attachment.

### Delivery programme

Available in displays with 30 pieces each.

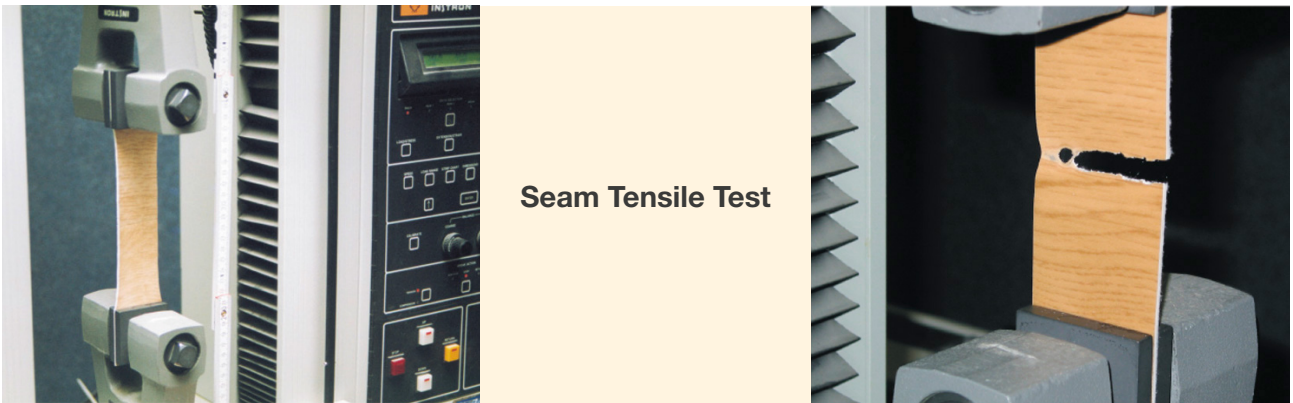
*The durability lasts 3 years from the date of manufacturing, if the product is always kept dry, free of frost and not stored above 30 °C.*





# Seam Tensile Strength

8 | 10 Very high seam tensile strength – exceeds the values of the European norm by far.



Tested, confirmed and documented by the (independent German) iff-Prüfinstitut für Fußbodenbau (testing institute for the floor construction industry).

**QUALITY-CERTIFICATE**

Certificate No.: WM-933-2013

Manufacturer of PVC-Floor Covering:	Tarkett (RUS)	
Seam Welding:	PVC-Cold Welding Liquid Type A Werner Müller GmbH - closely cut seam - masking tape method - seam area heated to 40 °C before cold welding	
Test:	Seam Tensile Strength according to DIN EN 684	
Results:	All weldings fulfill the requirements according to DIN EN 649.	
PVC-Floor Covering:	Mean Value Seam Tensile Strength [N/50 mm]	
	Requested Value	Actual Value
Tarkett Accent PRO		
Classification:	34/43	
Wear layer thickness:	0.7 mm	240
Total thickness:	2.0 mm	605

**iff** iff-Institut für Fußbodenbau  
Overath (Germany), December 2013  
Management of the Institute: Torsten Großhahn

**QUALITY-CERTIFICATE**

Certificate No.: WM-933-2013

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Test:	Seam Tensile Strength according to DIN EN 684	
Results:	All weldings fulfill the requirements according to DIN EN 649.	
PVC-Floor Covering:	Mean Value Seam Tensile Strength [N/50 mm]	
	Requested Value	Actual Value
Tarkett Sprint PRO		
Classification:	32	
Wear layer thickness:	0.4 mm	240
Total thickness:	1.8 mm	556

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Management of the Institute: Torsten Großhahn

**QUALITY-CERTIFICATE**

Certificate No.: WM-933-2013

Manufacturer of PVC-Floor Covering:	Polystyl (RUS)	
Seam Welding:	PVC-Cold Welding Liquid Type A Werner Müller GmbH - closely cut seam - masking tape method - seam area heated to 40 °C before cold welding	
Test:	Seam Tensile Strength according to DIN EN 684	
Results:	All weldings fulfill the requirements according to DIN EN 649.	
PVC-Floor Covering:	Mean Value Seam Tensile Strength [N/50 mm]	
	Requested Value	Actual Value
Polystyl Contract SB		
Classification:	34/43	
Wear layer thickness:	0.7 mm	240
Total thickness:	2.0 mm	440

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Certificates – Seam Tensile Strength





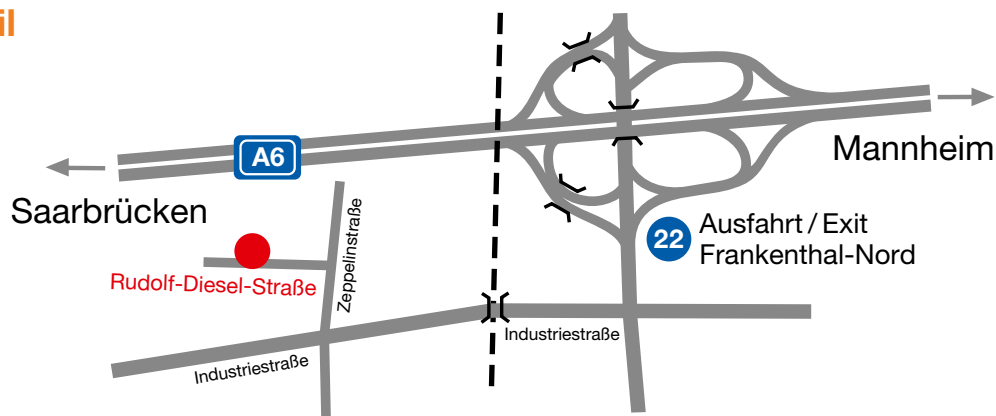


Werner Müller GmbH  
PVC-Kaltschweißtechnik

## Location Map



## Detail



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