



Application Guns  
for Sealants &  
Foams

**illbruck adds perfection... to all your sealing and bonding projects. Whether it be windows, façades, interiors or exteriors, a major construction scheme or a minor refurbishment job - we offer the right set of products, services and expertise to lessen your workload and improve the overall climate of buildings. Making it perfect.**

To apply these top products in the correct manner, the right tools are as important as the quality of the product itself. In this brochure we showcase our complete gun range for applying sealants, sealant adhesives, PU foam, PU foam adhesives and the new generation of water-based foams.

illbruck is a brand of tremco illbruck, a European manufacturer and service provider of high performance building materials.





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## Collaborating for Efficiency

### COX & Rigo

#### Merging the Know How of Leading Companies in Their Field

To ensure that illbruck offers our applicators the best possible range of tools to choose from, illbruck worked closely with two of the leading companies in Europe. PC COX, who are leaders in developing and producing sealant guns and Rigo, who are leaders in developing and producing foam guns.

##### PC COX

PC Cox are delighted to have been selected by tremco illbruck as their preferred supplier for cartridge and sachet dispensing tools.

The new portfolio matches Cox manual, pneumatic and battery driven dispensers to the tremco illbruck range of sealants and adhesives. By creating harmonised systems in partnership, we are able to help professional end-users get the right power and a very high degree of durability, providing excellent performance and value for money. PC COX manufacture in England and have added over 100 professional dispensers to our range since designing the original Wexford skeleton gun in 1958. Cox will continue to innovate and look forward to helping tremco illbruck bring to market new solutions that meet your needs.

Giles Lumb,  
Business Development Manager, PC COX

##### Rigo

Here in Rigo Srl Italy we are all proud to have been chosen by tremco illbruck as their trusted supplier for foam guns.

Having tremco illbruck as our key customer is a great honour but also a responsibility which stimulates us to continuously renew and update our product portfolio, matching at best the product features to the dispensed foam and making it as close as possible to the end user peculiar requirements. With our high quality products fully made in Italy we guarantee a perfect fit to the tremco illbruck high performance foam products. During these years, our open and strong partnership has allowed us to design several special models and above all to develop a highly reliable and self-sustaining supply system.

Rolando Rigolio  
President, Rigo Srl

## Sealant and Foam Gun Range

### One Range Fits All

It's good to have quality products, but it's better to have quality products which are clearly positioned in an organised range. The new illbruck sealant and foam gun range has been created to make it clearer for the buyer/end-user to choose which gun is best suited for their job. The range is big enough to have a specific gun for every job, but not so extensive that it's difficult to choose the correct tool for the task at hand. Like all other products from illbruck, the name starts with a shortcut. This shortcut alone can tell you almost everything.

This shortcut range is new, and for many end-users unknown. We add to this a descriptive name to describe in works what the shortcut means. On the following pages you find the complete range, including all relevant information.

#### Our Shortcut System Explained

Short Cut	Range
AA2XX	Foam Guns
AA8XX	Cartridge Guns
AA9XX	Sausage Guns
AAX1X	Battery Guns
AAX2X	Air Pressure Guns
AAX3X	Standard Quality
AAX5X	Professional Quality
AAX7X	Ultra Quality
AAX8X	2-Part Product Range
AAXX0	Main Range for PU
AAXX3	310 ml Content for Cartridges
AAXX4	400 ml Content for Cartridges (Combi)
AAXX6	600 ml Content for Cartridges (Combi)

## Glossary of Terms

### Sealant Guns

**Ratio**

The rate in which the plunger will go forward in relation to how far the handle will be squeezed.

**Max Force**

The maximum force which will be applied by the plunger of the gun on the cartridge or sausage to push the material out.

**Auto Pressure Release**

Permits a small backwards movement of the rod when releasing the trigger. This releases pressure built up in the cartridge and so stops material oozing from the cartridge nozzle.

**Soft Grip**

The trigger and the butt are equipped with a soft layer of PVC coating.

**Quality Guarantee**

The number mentioned at "quality guarantee" is how many cartridges / sausages the gun can handle without compromising quality.

### Foam Guns

**NBS Seal**

Fits on all guns with NBS adapter.

**PTFE Skin**

Solvent and stick proof PTFE coating on some or all metal parts for an improved cleaning and maintenance.

**Frame Material**

Material of the gun, which can be completely made out of plastic or metal. Hybrid bodies have a mix of both.

**Unscrew Lock**

Foam flow adjustment "safety-system" device to prevent accidental unscrewing.

**Soft Grip**

The handgrip is equipped with a soft layer finishing.

**Quality Guarantee**

The number mentioned at "quality guarantee" is how many foam canisters the gun can handle without compromising quality.

##



# Sealant Guns

## Background Information

The main range of illbruck sealant guns is made up of a good, better, best selection for cartridge sealants and adhesives, and sausages products.

A special range has been developed for those who prefer air pressurised or battery powered guns. Additionally, there is a gun suitable for our 2 component products like the PU038 polyurethane adhesive and a gun has been added to the range for coating SP925 which is capable of applying either a bead of coating or a spray that will provide a uniform coat.

The difference between the Standard, Pro and Ultra ranges is the quality (see the extended warranties), and the output rate (force) which is much higher than the standard gun. This is beneficial if you want to extrude high tack adhesives (high viscosity products) like our SP350.

### Standard

Hardwearing guns for the occasional user which combines quality with competitive pricing.

### Pro

Improved high quality guns, designed for professional frequent users and for when a lot of linear metres of low viscosity product needs to be applied.

### Ultra

Ultimate in performance and comfort, providing long term durability, designed for continuous use and with high viscosity products.

## AA834

### Cartridge Gun 400 Standard


1.2 kN
<b>Ratio</b>
7:1



This standard cartridge gun has an excellent combination of price and quality. For small and non-regular projects, it's an ideal gun to use.

#### Specification

<b>Auto Pressure Release</b>	No
<b>Soft Grip</b>	No
<b>Handle Material</b>	Epoxy coated aluminium
<b>Frame Material</b>	Epoxy coated steel
<b>Item N°</b>	<b>Suitable for</b> <b>Dimensions</b>
351429	310 - 400 ml cartridges    368 x 187 x 54 mm

## AA854

### Cartridge Gun 400 Pro

	
2.5 kN	1 yr
<b>Ratio</b>	
12:1	5K



This high quality gun has an excellent combination of thrust and ratio; so, it is extremely useful when many linear metres per day need to be applied, for example with our SP525 façade sealant.

#### Specification

<b>Auto Pressure Release</b>	Yes
<b>Soft Grip</b>	Yes
<b>Handle Material</b>	Epoxy coated aluminium
<b>Frame Material</b>	Epoxy coated steel
<b>Item N°</b>	<b>Suitable for</b> <b>Dimensions</b>
340861	310 - 400 ml cartridges    388 x 213 x 59 mm

## AA874

### Cartridge Gun 400 Ultra

	
4.5 kN	2 yr
<b>Ratio</b>	
25:1	7.5K



This extremely strong quality gun has an excellent thrust so it is extremely useful when you have to deal with high viscous adhesives, for example with our SP350 high tack adhesive.

#### Specification

<b>Auto Pressure Release</b>	No
<b>Soft Grip</b>	Yes
<b>Handle Material</b>	Epoxy coated aluminium
<b>Frame Material</b>	Epoxy coated steel
<b>Item N°</b>	<b>Suitable for</b> <b>Dimensions</b>
340863	310 - 400 ml cartridges    393 x 217 x 65 mm

#### Key



Max Force



Warranty



Extrusion Ratio



Performance Span

See page 5 for glossary of terms

## Sausage Guns

**AA934**

### Sausage Gun 400 Standard


1.5 kN
Ratio 10:1



This standard sausage gun has an excellent combination of price and quality. For small and non-regular projects, it's an ideal gun to use.

#### Specification

<b>Auto Pressure Release</b>	No	
<b>Soft Grip</b>	No	
<b>Handle Material</b>	Glass reinforced nylon	
<b>Barrel Material</b>	ABS polyer	
<b>Item N°</b>	<b>Suitable for</b>	<b>Dimensions</b>
398033	400 ml sausages	397 x 203 x 69 mm

**AA936**

### Sausage Gun 600 Standard


1.5 kN
Ratio 10:1



This standard sausage gun has an excellent combination of price and quality. For small and non-regular projects, it's an ideal gun to use.

#### Specification

<b>Auto Pressure Release</b>	No	
<b>Soft Grip</b>	No	
<b>Handle Material</b>	Glass reinforced nylon	
<b>Barrel Material</b>	ABS polyer	
<b>Item N°</b>	<b>Suitable for</b>	<b>Dimensions</b>
342804	600 ml sausages	486 x 203 x 69 mm

**AA954**

### Sausage Gun 400 Pro Combi

	
2.5 kN	1 yr Warranty
Ratio 12:1	



This high quality gun has an excellent combination of thrust and ratio; so, it is extremely useful when many linear metres per day need to be applied, for example with our SP525 façade sealant.

#### Specification

<b>Auto Pressure Release</b>	Yes	
<b>Soft Grip</b>	Yes	
<b>Handle Material</b>	Epoxy coated aluminium	
<b>Barrel Material</b>	Anodised aluminium	
<b>Item N°</b>	<b>Suitable for</b>	<b>Dimensions</b>
342802	310 - 400 ml cartridges 400 ml sausages	374 x 213 x 69 mm

**AA956**

### Sausage Gun 600 Pro Combi

	
2.5 kN	1 yr Warranty
Ratio 12:1	



This high quality gun has an excellent combination of thrust and ratio; so, it is extremely useful when many linear metres per day need to be applied, for example with our SP525 façade sealant.

#### Specification

<b>Auto Pressure Release</b>	Yes	
<b>Soft Grip</b>	Yes	
<b>Handle Material</b>	Epoxy coated aluminium	
<b>Barrel Material</b>	Anodised aluminium	
<b>Item N°</b>	<b>Suitable for</b>	<b>Dimensions</b>
342803	310 - 400 ml cartridges 400 - 600ml sausages	484 x 213 x 69 mm

## AA974

### Sausage Gun 400 Ultra Combi



This extremely strong quality gun has an excellent thrust so it is extremely useful when you have to deal with high viscous adhesives, for example with our SP350 high tack adhesive.

#### Specification

Auto Pressure Release	No
Soft Grip	Yes
Handle Material	Epoxy coated aluminium
Barrel Material	Anodised aluminium

Item N°	Suitable for	Dimensions
342212	310 - 400 ml cartridges 400 ml sausages	372 x 213 x 69 mm

## AA976

### Sausage Gun 600 Ultra Combi



This extremely strong quality gun has an excellent thrust so it is extremely useful when you have to deal with high viscous adhesives, for example with our SP350 high tack adhesive.

#### Specification

Auto Pressure Release	No
Soft Grip	Yes
Handle Material	Epoxy coated aluminium
Barrel Material	Anodised aluminium

Item N°	Suitable for	Dimensions
329243	310 - 400 ml cartridges 400 - 600 ml sausages	482 x 213 x 69 mm

#### Key



## kN

Max Force



# yr  
Warranty

Warranty



Ratio  
#:#

Extrusion Ratio



# K

Performance Span

See page 5 for glossary of terms



# Specialist Sealant Guns

## Background Information

Besides the manual range, we also offer a range of guns with specialties like 'dual component', 'pneumatic' (compressed air) and 'cordless' (battery powered) guns.

But why should an end-user invest in these more expensive types of guns?

The 2K guns is easy - because you have to as you need to apply a certain product which is, most of the time, a special high quality and quick curing adhesive.

The battery- and air- (including jet-) flow guns are especially made for frequent users who apply extensive metres of material per day. Using a manual grade gun would be very demanding over a short space of time.

## Overview of the Main Differences & Advantages

### Manual

Advantages	Disadvantages
<ul style="list-style-type: none"> <li>Low cost of ownership</li> <li>Full range of material packaging options covered</li> </ul>	<ul style="list-style-type: none"> <li>User fatigue</li> </ul>

### Pneumatic (Airflow series)

Advantages	Disadvantages
<ul style="list-style-type: none"> <li>Simple to use</li> <li>No user fatigue</li> <li>Full range of material packaging options covered</li> </ul>	<ul style="list-style-type: none"> <li>Requires compressed air supply</li> <li>Restricts movement</li> </ul>

### Cordless (Batteryflow series)

Advantages	Disadvantages
<ul style="list-style-type: none"> <li>Fully portable</li> </ul>	<ul style="list-style-type: none"> <li>Requires multiple batteries for continuous use</li> </ul>

## AA821

### 2K Cartridge Gun 310 Airflow Combi



This high quality gun is part of a range of mid-powered pneumatic applicators. It is extremely useful when working with high viscous adhesives such PU038, 2 part PU adhesive for many metres per day.

### Specification

<b>Handle Material</b>	Glass filled nylon	
<b>Frame Material</b>	Epoxy coated steel	
<b>Item N°</b>	<b>Suitable for</b>	<b>Dimensions</b>
340864	200 - 310 ml cartridges	588 x 232 x 102 mm

## AA881

### 2K Cartridge Gun 310 Pro Combi



This high quality gun has an excellent combination of thrust and ratio; so, it is extremely useful when having to deal with high viscous adhesives like PU038, 2 part PU adhesive.

### Specification

<b>Auto Pressure Release</b>	No	
<b>Soft Grip</b>	Yes	
<b>Handle Material</b>	Epoxy coated aluminium	
<b>Frame Material</b>	Epoxy coated steel	
<b>Item N°</b>	<b>Suitable for</b>	<b>Dimensions</b>
340867	200 - 310 ml cartridges	355 x 213 x 102 mm

### Key

	Max Force		Warranty
	Extrusion Ratio		Performance Span

See page 5 for glossary of terms

## AA813

### Batteryflow 10.8 310

## AA914

### Batteryflow 10.8 400

## AA916

### Batteryflow 10.8 600 Combi



The Batteryflow 10.8 series is part of a range of battery applicators. Designed for use with low & medium viscosity sealants and adhesives, it is ideal for site use by professional and semi-professional end-users. We recommend this gun for use with our hybrid and silicone sealants and adhesives.

#### Specification

Auto Pressure Release	Yes
Soft Grip	Yes
Batter Power	10.8V Li ion
Battery Charge	30 minutes
Handle Material	Polycarbonate and ABS
Barrel Material	Anodised aluminium

Item N°	Suitable for	Dimensions
342213	310 ml cartridges	466 x 277 x 80 mm
342214	400 ml sausages	492 x 277 x 80 mm
398339	310 - 400 ml cartridges 400 - 600 ml sausages	600 x 277 x 80 mm

## AA823

### Airflow 310

## AA924

### Airflow 400

## AA926

### Airflow 600 Combi



The Airflow series is part of a range of mid-powered pneumatic applicators. Designed for use with low to medium viscosity sealants and adhesives, the Airflow is ideal for professional application within a production process. We recommend this gun for use with our hybrid and silicone sealants and adhesives.

#### Specification

Auto Pressure Release	Yes
Soft Grip	No
Maximum Pressure	6.8 bar
Speed Regulator	Yes
Handle Material	Glass filled nylon
Barrel Material	Anodised aluminium

Item N°	Suitable for	Dimensions
335480	310 ml cartridges	235 x 251 x 69 mm
335481	400 ml sausages	329 x 251 x 69 mm
335482	310 - 400 ml cartridges 400 - 600 ml sausages	464 x 251 x 69 mm

## AA925

### Jetflow 600 Combi

### Versatile



#### Specially for Use in Combination with illbruck SP925 Seal Coating

tremco illbruck has recently launched a new type of product, illbruck SP925 sealing coating. With this low viscosity coating we added an easy to use product which can be used for creating an air- and watertight seal on top of joints within the façade. When cured, it forms a highly flexible and strong membrane, capable of following movement caused by thermal and structural influences. This product can be applied with a normal cartridge or sausage gun. When the bead is applied on top of a joint, the coating can easily be brushed to cover the areas you want. For the extreme end-user, SP925 can also be sprayed which increases application speed.

In combination with this specialised gun, the end-user can choose which application method is required, applying a bead or spray the coating like a paint. And the best thing of all, unrecoverable blockage of the gun with cured material can't occur because of the innovative control adjustment at the top of the gun.

#### Specification

Versatile	Bead and spray options
Regulator	6.8 bar (100 psi)
Handle Material	Glass filled nylon
Barrel Material	Anodised aluminium

Item N°	Suitable for	Dimensions
340675	310 ml cartridges 400 - 600 ml sausages	536 x 276 x 83 mm

# Foam Guns

## Background Information

The main range of illbruck foam guns is made up of a good, better, best selection.

Next to that a special range is developed for those who prefer air pressurised or battery powered guns and those who needs a gun suitable for our 2K products such as FM790/FM791 PU foams.

### Standard

Hardwearing guns for the occasional user which combines quality with competitive pricing.

### Pro

Improved high quality guns, designed for professional frequent users.

### Ultra

Ultimate in performance and comfort, providing long term durability, designed with for continuous use.

Key			
	Max Force		Warranty
	Extrusion Ratio		Performance Span

See page 5 for glossary of terms

## AA230

### Foam Gun Standard



This standard foam gun has an excellent combination of price and quality. It is ideal for small and non-regular projects.

#### Specification

Positioning	Light duty
NBS Seal	Yes
PTFE Skin	No
Frame Material	Thermoplastic
Unscrew Lock	No
Soft Grip	No

Item N°	Suitable for	Dimensions
391799	All 1K NBS foams	350 x 180 x 50 mm

## AA250

### Foam Gun Pro



This high quality gun has been specially designed for the professional end-user. It is an ideal hybrid design with metal and thermoplastic material parts which is solvent and stick proof. We recommend this gun for use with our professional PU and water based foams such as FM330, FM350, FM355 and JF100.

#### Specification

Positioning	Regular duty
NBS Seal	Yes
PTFE Skin	Yes - adapter and nozzle
Frame Material	Hybrid
Unscrew Lock	Yes
Soft Grip	No

Item N°	Suitable for	Dimensions
303747	All 1K NBS foams	350 x 210 x 50 mm



## AA270

### Foam Gun Ultra



This ultra-high quality gun has been specially designed for the professional end-user. The hybrid design, with metal and thermoplastic material parts is solvent and stick proof. A PTFE coating on metal parts makes cleaning and maintenance easier. We recommend this gun for use with our professional PU and water based foams such as FM330, FM350, FM355 and JF100.

#### Specification

Positioning	Premium duty
NBS Seal	Yes
PTFE Skin	Yes - adapter, rod, body and nozzle
Frame Material	Hybrid
Unscrew Lock	Yes
Soft Grip	Yes

Item N°	Suitable for	Dimensions
342226	All 1K NBS foams	350 x 210 x 50 mm



## Specialist Foam Guns

**AA281**

**2K Foam Gun  
200 Pro**



This high quality gun has been specially designed for the professional end-user. Its ideal hybrid design of metal and thermoplastic material parts is solvent and stick proof. This product can be used in combination with our FM790 and FM791 2 part PU foams.

### Specification

<b>Auto Pressure Release</b>	Yes
<b>Soft Grip</b>	No
<b>Handle Material</b>	Epoxy coated aluminium
<b>Frame Material</b>	Epoxy coated steel

Item N°	Suitable for	Dimensions
340866	220 ml cartridges	297 x 176 x 93 mm

## Specially for Use in Combination with illbruck PU Foam Adhesives

**AA234**

**Foam Gun  
Standard XS**



This standard foam gun has an excellent combination of price and quality. It is ideal for small and non-regular projects and specially for gluing brick wall with our PU700.

### Specification

<b>Positioning</b>	Light duty
<b>NBS Seal</b>	Yes
<b>PTFE Skin</b>	No
<b>Frame Material</b>	Thermoplastic
<b>Unscrew Lock</b>	No
<b>Soft Grip</b>	No

Item N°	Suitable for	Dimensions
329785	All 1K NBS foams	235 x 180 x 50 mm

**AA254**

**Foam Gun Pro XS**



Professional quality for special applications, illbruck has the solution for you.

Specially for gluing brick wall with our PU700 we have AA254 Foam Gun Pro XS. The extra short barrel allows you to apply the adhesive with more control and precision. When installing insulation panels on floors or roofs, for example with our PU010, you can do the job while standing upright as the AA256 and AA257 has XL or XXL barrels available. so that you can say goodbye to back pain at the end of the day.

**AA256**

**Foam Gun Pro XL**



**AA257**

**Foam Gun Pro XXL**



### Specification

<b>Positioning</b>	Regular duty
<b>Flow Regulator</b>	Yes
<b>NBS Seal</b>	Yes
<b>PTFE Skin</b>	Yes
<b>Frame Material</b>	Hybrid
<b>Unscrew Lock</b>	Yes

Item N°	Suitable for	Dimensions
342805	All 1K NBS foams	235 x 210 x 50 mm
335509	All 1K NBS foams	730 x 210 x 50 mm
335510	All 1K NBS foams	1180 x 210 x 50 mm



Key



Max Force



Warranty



Extrusion Ratio



Performance Span

See page 5 for glossary of terms

## tremco illbruck and its strong brands



tremco illbruck is a European manufacturer and service provider of high-performance sealing, bonding, flooring, waterproofing and passive fire protection products for the construction and manufacturing industries.

We ensure that your processes become faster, smarter and more efficient.



illbruck adds perfection to all your sealing and bonding projects, be it windows, façades, interiors or exteriors, a major construction scheme or a minor refurbishment job. We offer the right set of products, services and expertise to lessen your workload and improve the overall environment within buildings - making it perfect.



Nullifire helps reduce the complexities of passive fire protection. Fire safety regulations can be complicated and potentially involve the threat of liability. To cope with these challenges we deliver a focused range of rigorously tested products that cover a wide array of passive fire protection applications. Nullifire's expert advice, support and training make for smart and simple solutions in passive fire protection.



TREMCO delivers lasting results when it comes to flooring, waterproofing, insulating glass or structural glazing. The building envelope is faced with ever more exacting requirements – technologically, legally and in terms of sustainability. With more than 85 years of experience, TREMCO offers products that have been tested for decades and under extreme environmental conditions – for buildings that are made to last.



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