

Bauder Activator-Primer (Canister) APR01 - black

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Product description

The product is a synthetic rubber resin-based material using a **non-flammable** solvent and propellant system.

Application fields

Bauder Activator-Primer (Canister) has been specifically developed to provide the necessary preparation of substrates, insulations and underlayers prior to the installation of Self-Adhesive membranes. The product can also be used with torch-on membranes as well as a foil contact adhesive and fleece-backed membrane adhesive. The spray application significantly improves the speed of application by up to 50% over roller applied products and it dries in a matter of minutes, meaning installation of AVCL or Underlayer can take place more quickly and easily. The coat weight of the product is more accurate and consistent than roller applied products, meaning less waste. The product is also easier to apply on vertical surfaces due to the spray application, again with less waste.

FOIL TO FOIL APPLICATIONS - Bauder only recommend the use of Activator-Primer (Canister) or Twin Cartridge Adhesive for the correct adhesion of foil-to-foil surfaces.



Article Number

GB60300120

Characteristic	Unit	Value
Gross Weight	kg	20.5
Net weight	kg	14.4
Colour		Black
Base		Synthetic Rubber
Coverage as a primer and activator (dependant on porosity of substrate)	m ²	75 for two coats 150 for one coat
Coverage as a foil-to-foil adhesive	m ²	75 for perimeter zones*, 100 for field area
Coverage as a membrane adhesive	m ²	75
Shelf life unopened	months	12
Application Temperature	°C	+5 to +30 (Where the temperature falls outside of this, please refer to Summer & Winter Advice documents from Bauder).
Drying Time at 10°C	mins	5 to 10
Cleaner		Spray Gun Nozzle Cleaner
Re-coat time if left exposed	hours	4

*Perimeter zone - BS EN 1991-1-4 uses the following guidance to calculate perimeter zones. Buildings up to and including 10m in height have a perimeter zone of not more than 2m. Buildings over 10m, uses the calculation of 2 x the building height ÷ 10. These are general guidance rules and do not take into account all of the information used in a full wind uplift calculation, they are therefore superseded by a project specific calculation.

Storage guidance

The product should be stored in a secure storage cage, unopened in a dry condition at a temperature of 5°C to 25°C. This will ensure the stated shelf-life. The product will have a limited life once the container is opened.

Packaging material

The product will be delivered in a pressurised carbon steel canister contained within a labelled cardboard box.

Handling/PPE

All persons using the product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using the product, installers should be provided with, and wear, suitable personal protective equipment.

Emptying and disposal guidance

Canisters can be disposed of as scrap metal, when depressurised and emptied, in accordance with the European Waste Directive. Please refer to the Bauder Canister Set-up & Maintenance Guide for instructions on how to empty, depressurise and dispose of your canister safely. Below are the codes you will need to provide to the national or local waste company when disposing of empty depressurised canisters and canisters containing adhesive and compressed gas.

Disposing of your canister safely and in accordance with national regulations:

1. After the instructions for emptying and depressurising your canister have been followed, the canister will be empty of any hazardous materials and depressurised. Therefore, it can be considered as scrap metal in accordance with the national or local waste company, under code EWC 150104 (empty aerosol, non-hazardous residues).
2. Canisters that are still pressurised and contain adhesive should be disposed of in accordance with the national or local waste company under code EWC 160504 (full or partially empty aerosol).

Further information/ documents

Current documents such as brochures, installation guides, etc. can be found by visiting www.bauder.co.uk

International Standards Organisation (ISO)

ISO 9001:2015 Quality Management
Certificates EN1271 (UK)

ISO 14001:2015 Environmental Management Certificates
A10552 (UK)

SUITABLE SUBSTRATES & BONDING APPLICATIONS

AS A PRIMER:

OSB, plywood or timber
Metal

Existing asphalt and bitumen membranes

AS A FOIL-TO-FOIL CONTACT ADHESIVE:

FA-TE to FA-TE, FA Tapered to FA-TE, FA to FA Insulations
FA Insulation to KSD Foil

AS A MEMBRANE CONTACT ADHESIVE:

Fleece-backed Thermofol membrane to insulation or deck
Thermoplan (FB and non-FB) membrane to insulation or deck

OTHER AREAS OF USE FOR BONDING:

Onto insulation facing prior to installing bituminous self-adhesive membranes
Onto underlayer as an activator in torch-free applications
All types of angle fillets
Ridge and Valley Infills to FA G16 tapered insulation

NON-SUITABLE SUBSTRATES

As a primer onto Concrete, lightweight concrete, or cementitious materials – new build or refurbishment
Bonding insulation to mica faced AVCL – e.g., FA-TE to KSD FBS
Bonding laminated paper-foil faced insulation to AVCL or to itself
Bonding EPS or XPS insulations
Bonding multi-layers of BauderROCK or BauderGLAS or proprietary alternatives to AVCL and each other
Non-fleece backed Thermofol to deck or insulation facing

Please contact Bauder technical department if you require any further suitabilities confirmed.

CHARACTERISTICS AND ADVANTAGES

Non-flammable
One canister
One product can do multiple tasks – primer, activator, adhesive, etc.
Reduction in waste due to having less different adhesives
Quick and easy application
Primes most substrates
50% quicker than a roller
Helps adhesion in colder temperatures down to zero degrees
Better adhesion of underlayer without need for additional heat
Will pull underlayer into insulation tighter, removing unsightly wrinkles and air-pockets
No Hot Works – torch-free applications improved
Approx. 5-to-10-minute drying time
Advantage on smaller adhered projects for single ply (assuming TEC DBR 06 or KSD Foil are used).

Installation Guidance

1. **Activator-Primer as a primer, activator and for preparing insulation facings prior to installing self-adhesive bitumen underlayers**

Preparation:

1. Ensure substrates are dry and clean from grease, dirt, and other contaminants before applying the Activator-Primer. Metal may require degreasing prior to the application of the Activator-Primer.
2. Application temperature should be between +5 to +30°C. Where the temperature falls outside of this, please refer to Summer & Winter Advice documents from Bauder.
3. Set-up the canister as described in the Bauder Canister Set-up & Maintenance Guide.

Technical data sheet

Guidelines for use with Self-Adhesive and Torch Applied Membranes as a primer:

1. Ensure the canister spray-system is spraying correctly and the spray-pattern is 300mm wide (approx.).
2. Apply 1-2 coats of Bauder Activator-Primer (canister) to the roof deck, ensuring an even distribution of activator/primer is achieved. Approximate coat weight 96g/m², (as per below image).
3. Avoid excessive spray as drying time will be increased.
4. Allow the solvents to evaporate from the primer layer for a minimum of 5 to 10 minutes at 10°C NB: this time will vary depending on temperature and wind speed.
5. Avoid trafficking immediately after application for a minimum of 3-5 minutes depending on ambient temperatures.
6. Apply the self-adhered or torch applied membrane to the coated substrate in compliance with Bauder Installation recommendations.
7. If required apply a second new coat of Activator-Primer over the existing if the product has been left exposed for over 4 hours or has been contaminated by site debris.

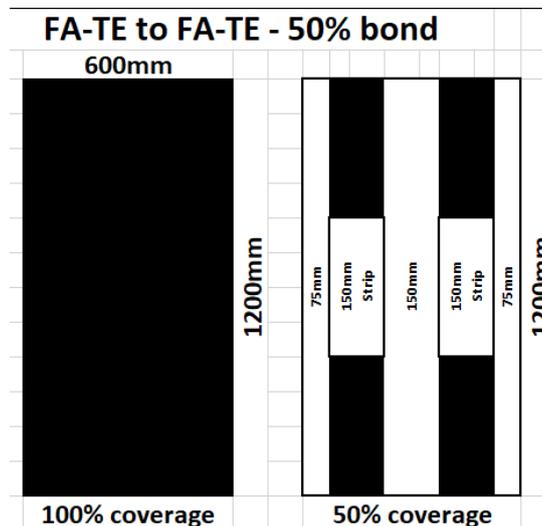
Spray coat weight guidance image below:



Use Bauder Spray Gun Nozzle Cleaner to remove material or over spray from the spray tip.

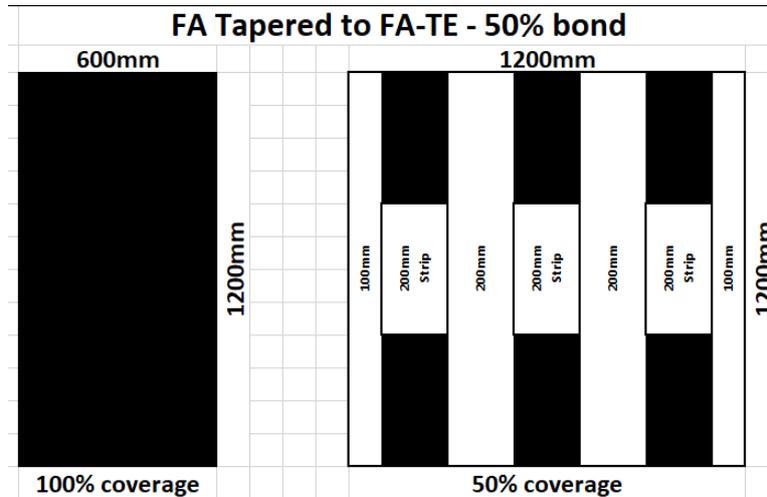
2. **Activator-Primer as a foil contact adhesive:**

**FOIL CONTACT ADHESIVE COVERAGE GUIDANCE –
100% FOR PERIMETER ZONES – 50% FOR FIELD ZONES**



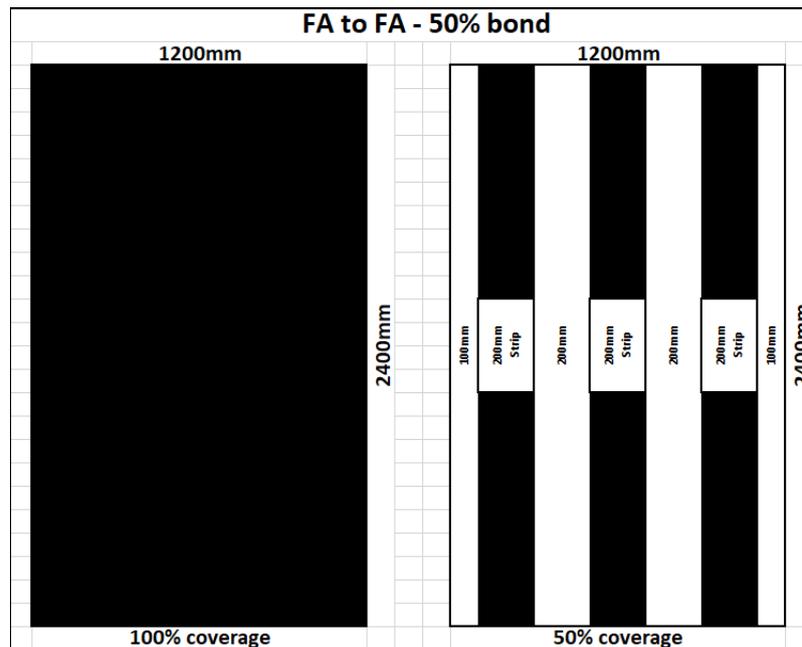
N.B. The spray pattern is set in from the edge of the insulation board to allow consistent adhesion strips when staggering insulation layers.

**FOIL CONTACT ADHESIVE COVERAGE GUIDANCE –
100% FOR PERIMETER ZONES – 50% FOR FIELD ZONES**



N.B. The spray pattern is set in from the edge of the insulation board to allow consistent adhesion strips when staggering insulation layers.

**FOIL CONTACT ADHESIVE COVERAGE GUIDANCE –
100% FOR PERIMETER ZONES – 50% FOR FIELD ZONES**



N.B. The spray pattern is set in from the edge of the insulation board to allow consistent adhesion strips when staggering insulation layers.

Preparation:

1. Ensure substrates are dry and clean from grease, dirt, insulation dust and other contaminants before applying the contact adhesive.
2. Application temperature should be between +5 to +30°C. Where the temperature falls outside of this, please refer to Summer & Winter Advice documents from Bauder.
3. Set-up the canister as described in the Bauder Canister Set-up & Maintenance Guide.

Guidelines for use with foil to foil application:

1. Ensure the canister spray-system is spraying correctly and the spray-pattern is 150-200mm wide, depending upon insulation board size.
2. If there are undulations on the roof area, then the back of the insulation board will need to be spliced before application of the first and second layer of Activator-Primer.
3. Apply 1 coat of Bauder Activator-Primer to the top of the first layer, ensuring an even distribution is achieved. Approximate coat weight 96 g/m².
4. Apply 1 coat of the Activator-Primer to the bottom of the second layer following the recommended spray pattern to achieve a 100% coverage in the perimeter zone and 50% coverage in the field zone, ensuring an even distribution of Activator-Primer is achieved. Approximate coat weight 96 g/m² for perimeter zones and field zones (approx. total of 144g/m² when a combination of 100% & 50% coverage is applied).
5. N.B. The spray pattern is set in from the edge of the insulation board to allow consistent adhesion strips when staggering insulation layers.
6. Avoid excessive spray as drying time will be increased.
7. Allow the solvents to evaporate from the Activator-Primer layer for a minimum of 5 to 10 minutes at 10°C
NB: this time will vary depending on temperature and wind speed.
8. Avoid trafficking immediately after application of 3-5 minutes depending on ambient temperatures.
9. Once the solvents have evaporated, the surfaces should appear tacky to the touch. Once this has been achieved, place the second layer onto the first layer and apply pressure to the second layer to achieve contact. **Applying pressure is key to ensuring good consolidation for foil to foil contact.**
10. If required apply a second new coat of Activator-Primer over the existing, if the product has been left exposed for over 30 minutes or has been contaminated by site debris.

Use Bauder Spray Gun Nozzle Cleaner to remove material or over spray from the spray tip.

3. Activator-Primer as a Single-Ply membrane adhesive:

Preparation:

1. Ensure the insulation board or other roof substrate is dry and clean from grease, dirt, and other contaminants before applying the Activator-Primer.
2. Set up the canister as described in the 'Bauder Canister Set-Up and Maintenance Guide' (provided with the canister).
3. Mark out the area to be bonded. Ensure the fleece-backed membrane is cut to size and in position.
4. Protect the edge/seam to be welded to prevent it becoming contaminated with adhesive.
5. Ensure the canister is spraying correctly and the spray pattern is 300mm wide. Regular cleaning of spray nozzle tip is recommended using Bauder Spray Gun Nozzle Cleaner. Bauder Ltd recommends using a test surface prior to application.
6. Apply one full coat of Activator-Primer to the insulation board or substrate ensuring each pass of adhesive overlaps the previous pass to ensure a full and even coverage of adhesive is achieved.
7. Apply one full coat of Activator-Primer to the backside of the membrane.
8. Remove any overspray from the surface of the membrane with a dry cloth and Bauder PVC Cleaner.
9. Allow the solvents to evaporate from the Activator-Primer for a minimum of 5 minutes at 20°C.
NB: this time will vary depending on climatic conditions – see below.
10. Roll the membrane into the adhesive layer.

Pressure roll over the upper surface of the membrane using a 20kg water-filled roller.

Use Bauder Spray Gun Nozzle Cleaner to remove material or over spray from the spray tip.

4. Activator-Primer for bonding Angle Fillets and Ridge/Valley Infills:

Preparation:

1. Ensure substrates are dry and clean from grease, dirt, insulation dust and other contaminants before applying the contact adhesive.
2. Application temperature should be between +5 to +30°C. Where the temperature falls outside of this, please refer to Summer & Winter Advice documents from Bauder.
3. Set-up the canister as described in the Bauder Canister Set-up & Maintenance Guide.

Guidelines for use with Angle fillets and Ridge/Valley Infills application:

1. Ensure the canister spray-system is spraying correctly and the spray-pattern is 150-200mm wide, depending upon insulation board size.
2. Apply 1 coat of Bauder Activator-Primer to the first layer, ensuring an even distribution is achieved. Approximate coat weight 96 g/m².
3. Apply 1 coat of the Activator-Primer to the second layer following the recommended spray pattern to achieve a 100% coverage.
4. Avoid excessive spray as drying time will be increased.
5. Allow the solvents to evaporate from the Activator-Primer layer for a minimum of 5 to 10 minutes at 10°C
NB: this time will vary depending on temperature and wind speed.
6. Avoid trafficking immediately after application of 3-5 minutes depending on ambient temperatures.
7. Once the solvents have evaporated, the surfaces should appear tacky to the touch. Once this has been achieved, place the second layer onto the first layer and apply pressure to the second layer to achieve contact. **Applying pressure is key to ensuring good consolidation.**

Use Bauder Spray Gun Nozzle Cleaner to remove material or over spray from the spray tip.

Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as a substance/mixture; therefore, this product does have a requirement for a Safety Data Sheet.