



# PC-Confoam® B2

## Multi-Purpose PU Foam

PC-Confoam® B2 is a single-component, moisture-curing, and self-expanding aerosol polyurethane foam designed for easy dispensing using the included straw adapter in each can. It is versatile and can be used for a range of applications. Importantly, this foam does not contain any propellant gases that may have adverse effects on the ozone layer.

### FEATURES

- This foam offers versatile positioning options, accommodating all angles (360°).
- It boasts exceptional adhesion and filling capabilities, along with high thermal and acoustic insulation properties.
- The foam provides strong mounting capabilities and stability.
- It effectively bonds to a wide array of building materials, excluding surfaces such as polyethylene, teflon, silicone, or those tainted with oils, greases, mold release agents, among other substances.
- Noteworthy for its resistance to mold and water, the foam can also be painted over.
- Once fully cured, the foam solidifies, allowing for cutting, shaping, and sanding as needed.

### PRODUCTS PROPERTIES

Physical Properties	Typical Value
Basis	Polyurethane Prepolymer
Curing System	Moisture cure
Specific Gravity	27±3 Kg/m <sup>3</sup>
Tack-Free Time (1 cm width)	7±3 min
Cutting Time (1cm width)	30-45 min
Cure-Time	24 hours
Foam Colour	Light yellow
Yield	33±3 L
Fire Class of the Cured Foam	B2
Thermal Conductivity	0.036 W/m.k (at 20°C)
Compression Strength	0.05 MPa
Tensile strength	12,6±1
Dimensional stability	±5%
Water penetration	0
Water Absorption	max. 1 vol%
Can Temperature	min. 5°C max. +30°C
Temperature Resistance	-40°C to +80°C
Application Temperature	+5°C to +30°C

### APPLICATIONS

- Sealing wider gaps, joints, and cavities effectively.
- Securing and insulating door and window frames.
- Patching penetrations in walls.
- Insulating electrical outlets and water pipes.

### INSTRUCTIONS

- The recommended can temperature for optimal performance is +20°C, with an acceptable application (ambient) temperature range between +5°C and +30°C.
- Before usage, ensure to shake the can vigorously and affix the adapter securely to the valve.
- Activation of the foam can be initiated by pressing the valve while holding the can in any orientation.
- Improving adhesion and expediting the curing process can be achieved by moistening both the surfaces and the foam.
- For cleaning fresh foam, utilize PC Foam Cleaner, whereas removing cured foam may necessitate mechanical means.

### RESTRICTIONS

- Shelf life is optimized when stored between +5°C and +25°C.
- Vertical storage and transport are recommended.
- Allow the product to acclimate to room temperature for at least 12 hours before usage.
- Note that exposure to ultraviolet light may cause color changes in the cured foam.

### SHELF LIFE

Shelf life 24 months under appropriate conditions.

### SAFETY

- Diphenylmethane-4, 4'-Diisocyanate is an ingredient.
- Inhalation of this substance can be harmful, causing irritation to the eyes, respiratory system, and skin. It is crucial to avoid inhaling the spray or vapor.
- When handling, wear suitable protective clothing and gloves, and ensure usage only in well-ventilated areas.
- Store the product in a pressurized container, away from direct sunlight and temperatures exceeding 50 °C.
- Do not puncture or burn the container, even after use.
- Keep the product away from sources of ignition and refrain from smoking in its vicinity.
- Ensure that the product is stored out of the reach of children.



### PC-WC GLOBAL FZ-LLC

Compass Building, Al Shohada Road Al-Hamra Industrial Zone-FZ,  
Ras Al-Khaimah, UAE  
Email: [info@pc-wc.com](mailto:info@pc-wc.com)  
Phone +971542455817, [www.pc-wc.com](http://www.pc-wc.com)

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All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our [website www.pc-wc.com](http://www.pc-wc.com)