# KEAN ULTIMATE+ 660 AIRSEAL FOAM

Elastic Gap-Filling PU Foam

## TECHNICAL SPECIFICATIONS

| Properties | Specifications |
|---|---|
| Base | Polyurethane |
| Curing | Moisture |
| Colour | White |
| Tack-free time at 20 °C | 5 - 9 min. |
| Cuttable at 20 °C after | ≤ 40 min. |
| Fully cured at 20 °C after | 24 hours |
| Foam yield | 45 litres |
| After-expansion | Very low |
| Compressive strength (DIN 53421) | 21 kPa (10%) |
| Tensile strength | 68 kPa |
| Elongation at break | 35 – 37% |
| Dimensional stability | < 10% |
| Fire class (DIN 4102) | B3 |
| Sound insulation (ISO 717-1) | 50 dB at 1600 Hz |
| Temperature resistance | -40 °C to +80 °C |
| Application temperature | +5 °C to +25 °C |
| Ideal application temperature | +15 °C to +25 °C |

## PRODUCT DESCRIPTION

KEAN Ultimate+ 660 Airseal Foam is a high-quality, elastic one-component polyurethane foam for sealing, insulating and filling connection joints, seams, gaps and cavities. The foam cures under the influence of atmospheric moisture and remains flexible after curing. As a result, it can absorb movement between adjoining building elements better than a traditional, stiffer PU foam.

KEAN Ultimate+ 660 Airseal Foam is particularly suitable for connections around window and door frames and other building joints where movement occurs regularly. It stands out for its fast cuttability and very high foam yield.

## ADVANTAGES

- Permanently elastic after curing.
- Absorbs movement between adjoining building elements.
- Suitable for dynamic connection joints.
- Good adhesion to many common building materials.
- Good thermal and acoustic insulating properties.
- Forms a flexible and durable seal.
- Quick to cut.
- Easy and precise to dose.

## LIMITATIONS

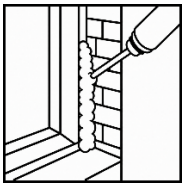
- Does not adhere well to PE, PTFE and PP.
- Not suitable for permanent underwater applications.

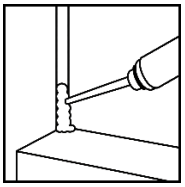
## PROPERTIES

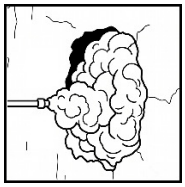
- CFC FREE
- ELASTIC
- RECYCLABLE
- HIGH INSULATION
- HIGH YIELD
- LOW SHRINKAGE

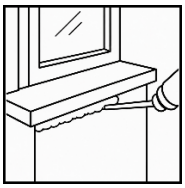
## APPLICATIONS

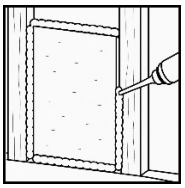
For filling, sealing and insulating:

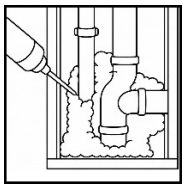

Window and door frames

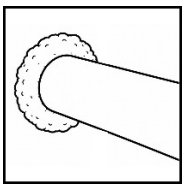

Joints and gaps

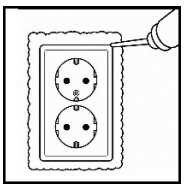

Cracks


Window sills


Insulation


Cavities


Pipes


Electrical installations

## ADDITIONAL PROPERTIES

KEAN Ultimate+ 660 Airseal Foam cures under the influence of atmospheric moisture. Curing speed and final foam structure depend on the product, substrate and ambient temperature, relative humidity, joint dimensions and the amount applied.

After curing, the foam remains flexible and can partially absorb movement in connection joints. The cured foam provides thermal and acoustic insulation and helps reduce air leakage in fully and correctly filled connection joints. Cured PU foam has only limited resistance to UV radiation and must be protected with a suitable sealant, coating, membrane or other finishing layer in outdoor applications. The stated performance values apply only under the specified test conditions and may vary depending on the substrate, joint geometry, humidity, temperature and application method.

## RECOMMENDED ACCESSORIES

**KEAN Ultimate+ Foam Cleaner**
For removing uncured foam and cleaning the foam gun.

**KEAN Ultimate+ Cleaning Wipes**
For cleaning hands and tools.

**KEAN Ultimate+ Foam Gun**
For easy, precise and economical dosing.

## APPLICATION

Ensure that the substrate is clean, load-bearing and free of dust, grease, oil and loose particles. Lightly moistening the substrate promotes curing and can improve foam structure and yield. Do not apply excess water. Before use, screw the gun firmly onto the valve. Shake the aerosol can vigorously at least 20 times. Hold the aerosol can upside down during application. Dispense the foam by gently squeezing the gun's trigger. Allow for the after-expansion of the foam and therefore do not fill the space completely. For wide or deep joints, apply the foam in multiple layers. Lightly moisten each layer and allow a waiting time of approximately 15 to 30 minutes between layers. The recommended temperature of the aerosol can is +10 °C to +25 °C. Remove uncured foam immediately with KEAN Ultimate+ Foam Cleaner. Cured foam can only be removed mechanically. Hands can be cleaned with KEAN Ultimate+ Cleaning Wipes.

## STORAGE

| Temperature | Shelf life |
|---|---|
| +5 to +25 °C | 12 months |
| Store cool and dry | In unopened packaging |

## SAFETY RECOMMENDATIONS

Always read the safety information before use. Consult the instructions on the Safety Data Sheet (SDS) before use. This is available on request from info@keantools.co.uk.

## PACKAGING

| Aerosol | Box | Pallet |
|---|---|---|
| 750 ml | 12 × | 70 × |
| Per can | Cans per box | Boxes per pallet |

## SUSTAINABILITY

In the production of KEAN Ultimate+ PU foams, attention is paid to limiting environmental impact. This is achieved through, among other things, efficient production planning, quality control, and the reduction of waste, rejected products and product loss. The propellant system used is CFC-free and does not harm the ozone layer.

All information in this document (and other KEAN publications, including digital ones) has been compiled based on our current knowledge and experience and is for guidance only. The user must assess in advance whether the product is suitable for the intended application and conditions and, where necessary, carry out their own tests. The user is at all times responsible for the consequences of use. KEAN accepts no liability for (in)direct damage resulting from inaccuracies, omissions or changes due to technical developments. KEAN has no influence over application, storage or transport and can therefore not be held liable for any resulting damage. Our current general terms and conditions apply to all orders. Always consult the most recent version of the product information sheet before use. This is available on request.