

GNS A11 MULTI-USE PU FOAM

GNS MULTI-USE PU FOAM A11 is a one-component, ready to use multi-purpose Polyurethane Foam. It is fitted with a plastic adapter head for use with a foam application gun or plastic applicator. The foam will expand and cure by moisture in the air. It is used for a wide range of building applications. It is very good for filling and sealing with excellent mounting capacities, high thermal and acoustical insulation.

PRODUCT FEATURES

- Good adhesion to a wide variety of surfaces such as UPVC, masonry, brick, block work, glass, steel, aluminum, timber and other substrates (except PP, PE and Teflon);
- Very good filling capacities;
- Application temperature is between + 5°C to +35°C;
- Optimal application temperature is between +18°C to +30°C;
- It contains CFC-free propellants which are harmless to the ozone layer.

APPLICATIONS AREAS

- Installing, fixing and insulating of door and window frames;
- Filling and sealing of gaps, joint, openings and cavities;
- Connecting of insulation materials and roof construction;
- Bonding and mounting;
- Insulating the electrical outlets and water pipes;
- Heat preservation, cold and sound insulation;
- Packaging purpose, wrap the precious & fragile commodity, shake-proof and anti-pressure.

APPLICATION INSTRUCTIONS

- Shake the aerosol can for at least 40 seconds;
- Clean and moisten surfaces with a water sprayer prior to application;
- Fit the gun or plastic applicator on the adapter.
- Firmly screw the can on the adapter and turn the flow adjustment screw; Fill the holes and cavities.
- Bottom up during application; Foam will be tack-free in about 10 minutes; Excess can be trimmed in about one hour;
- Fresh foam can be removed by using GNS Foam cleaner or acetone. Cured foam can only be removed mechanically.

STORAGE AND SHELF LIFE

12 months in unopened packing store in temperature between +5°C to +25°C, Keep in cool, shade and well ventilated area. Always keep the can with the valve pointed upwards.

PACKAGING

750ml/can, 500ml/can,12pcs/ctn for both Manual type and Gun type.
Gross weight is 350g to 950g upon requested.

SAFETY RECOMMENDATION

- Do not breathe spray/vapor; In case of eye contact, flush with water and get immediate medical attention;
- Use in well-ventilated areas;
- Wear suitable protective clothing, gloves and goggles;
- Keep away from direct sunlight and do not expose temperatures over 50°C;
- Do not burn or pierce even after use;
- Keep away from heat, sparks, flames and static electricity; Turn off sources of ignition (pilot light etc.);
- Keep out of the reach of children.

TYPICAL PROPERTIES

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| Base | Polyurethane |
| Consistency | Stable Foam |
| Curing System | Moisture-cure |
| Tack-Free Time (min) | 8~9 |
| Drying Time | Dust-free after 13-15 min. |
| Cutting Time (min) | 60~70(+25°C) |
| Yield (L) | 45 |
| Shrink | None |
| Cellular Structure | >84% close cells |
| Specific Gravity (kg/m ³) | 19 |
| Temperature Resistance | -50°C~+80°C |
| Application Temperature Range | +18°C~+30°C |
| Colour | white |
| Fire Class (DIN 4102) | B3 |
| Insulation Factor (Mw/m.k) | 0.039 |
| Compressive Strength (kPa) | 140 |
| Tensile Strength (kPa) | 200 (10%) |
| Adhesive Strength(kPa) | 130 |
| Water Absorption (ML) | 2~3(no epidermis) <0.5(with epidermis) |

