# PARAFOAM 2K


## CHARACTERISTICS

- Two-component polyurethane foam
- The foam cures as a result of a chemical reaction between a prepolymer and catalyst
- Fast and regular curing
- CFC- and HCFC-free (ozon friendly)
- Can be painted
- High volume - no post-expansion after curing
- Resistant against water, heath and chemicals
- Good thermal and acoustic insulation

## APPLICATIONS

- Surfaces: excellent adhesion to concrete, masonry, stone, plasterwork, wood, fibre cement and metals.
- Assembling of interior doors and door linings & window frame installations with additional mechanical support
- Fastening with fast fixation of wooden cavity strips
- Sealing of connections of water sills and thresholds, filling large gaps and cavities
- Sealing joints around window frames (subject to movement)

| TECHNICAL CHARACTERISTICS | |
|---|---|
| Base | polyurethane-prepolymer and catalyst |
| Colour | Pink |
| Curing system | Chemical reaction |
| Density: Feica TM 1002: 2014 | 30 kg/cm³ |
| Yield: Feica TM 1003: 2013 | ± 10 l |
| Fire class: DIN 4102, part 1 | B2 |
| Tack free: Feica TM 1014: 2013 | After 5 - 7 min |
| Can be cut: Feica TM 1005: 2013 | After 7 - 9 min |
| Fully cured | After ± 30 min |
| Processing temperature | +10°C - +25°C, optimal 20°C |
| Temperature resistance | -40°C - +80°C |
| Thermal conductivity: DIN 52612 | 0,03 W/m°K |
| Shear strength: DIN 53430 | 12 N/cm² |
| Compression resistance: ISO 844 | 6,5 N/cm² |
| Elongation at tension: DIN 53430 | 10% |
| Water absorption: DIN 53428 | 0,3 Vol.% |
| Acoustic insulation : DIN 52210-3 | 60 dB |
| Shelf life, in the original packing in a cool and dry area. | 15 months |

| PACKING AND COLOURS |
|---|
| 12 cans of 400 ml/box - 48 boxes/pallet |

## METHOD OF USE

### Preparation

Surfaces must be firm, clean, free of dust, loose particles and grease. **No** additional humidity is required. Surfaces which are too wet may cause shrinkage of the cured foam. A primer should always be used on porous surfaces.
For fixing of door cases the maximum width of the joints shall not exceed 30 mm.





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**Application**

- Remove the upper protection cap and screw the adapter firmly on to the valve as far as the stop. Care has to be taken that the valve is not activated during this process.
- Turn the activation blades on the bottom of the can 4 complete rotations in the direction of the arrow until they stop.
- Shake the can vigorously 20-30 times with the valve pointed downwards. There will be a faint rattling sound from within the can which will indicate that the cap of the chamber, containing the hardening component, has been released and the mixing process has started.
- Let the PU mixture mature for 30 seconds in the can before starting the application.
- Whilst applying the foam, always keep the valve pointed downwards. Foam extrusion can be precisely regulated by applying varying pressure on the adapter or by tilting the adapter. The valve should be activated with caution. During the mixing process, the chemical reaction will cause the can to become perceptibly warmer; this is perfectly normal. Check that the emerging foam is of a uniform colour; if it is not, activate the turning plate again and repeat the shaking process.

**Cleaning**

Fresh foam spills must be removed immediately within the tack-free time with **Parafoam Gun & Spray cleaner.**
Cured foam can only be removed mechanically or with **Parafoam remover.**

## SAFETY

Safety data sheet available on request.

## LIMITATIONS

- Not UV resistant
- Does not adhere to polyethylene, Teflon, silicone, oil, grease etc.
- Do  not use the foam when the can itself exceeds +25°C. If necessary cool the can with cold water.

## TECHNICAL APPROVALS

Feica


* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).






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