Technical data, R-RPP-45-K

Parameter		Value	Methods
Application temperature	[°C]	-10 ÷ +30	
Can temperature	[°C]	+20	
Efficiency	[dm³]	max. 45	
Colour	-	Light yellow	
Post-expansion	[%]	120	
Skin formation time	[min]	4÷10	20°C, RH 90%
Pretreatment time	[min]	45	20°C, RH 90%
Complete hardening time	[h]	24	
Fire resistance class	-	B3	DIN 4102
Density(kg/dm³)	[%]	22 ± 10	PN-EN ISO 845:2000
Dimensional stability	[%]	≤5	40°C, RH 95%, 24 hrs
Water absorption after 24h	[kg/m²]	≤2	PN-EN 1609:1999
Tensile strength	[kPa]	≥ 100	PN-EN 1607:1999
Compressive strength	[kPa]	≥ 50	PN-EN 826:1998
Thermal resistance (upon hardening)	[°C]	-50 ÷ +90	
Thermal conductivity	[W/mK]	0,038	
Preparations solubility	-	Acetone, before hardening	Cleaner RPC-0500
Soundproofing coefficient	[dB]	61	EN 12354-3
Volume	[ml]	750	
R-RPP			
VOC Content	[g/l]	100	calculated
Shelf life	[month]	15	
Storage conditions	-	upright position in an originally closed container the storage temperature: from +5°C to +35°C (room temperature is recommended) dry, cool and well-ventilated place away from direct sunlight and other sources of heat and ignition storing the product in conditions other than recommended may shorten the life time even by 3 months	

Technical data, R-RPS-K

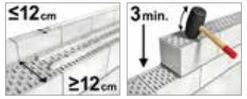
Parameter		Value	Methods
Application temperature	[°C]	-10 ÷ +30	
Can temperature	[°C]	+20	
Efficiency	[dm³]	max. 45	
Colour	-	Light yellow	
Post-expansion	[%]	190	
Skin formation time	[min]	5 ÷ 10	20°C, RH 90%
Pretreatment time	[min]	60	20°C, RH 90%
Complete hardening time	[h]	24	
Fire resistance class	-	B3	DIN 4102
Density(kg/dm³)	[%]	26 ± 10	PN-EN ISO 845:2000
Dimensional stability	[%]	≤5	40°C, RH 95%, 24 hrs
Water absorption after 24h	[kg/m²]	≤2	PN-EN 1609:1999
Tensile strength	[kPa]	≥ 100	PN-EN 1607:1999
Compressive strength	[kPa]	≥ 50	PN-EN 826:1998
Thermal resistance (upon hardening)	[°C]	-50 ÷ +90	
Thermal conductivity	[W/mK]	0,038	
Preparations solubility	-	Acetone, before hardening	Cleaner RPC-0500
Soundproofing coefficient	[dB]	61	EN 12354-3
Volume	[ml]	750	
Shelf life	[month]	18	
Storage conditions	-	upright position in an originally closed container the storage temperature: from +5°C to +35°C (room temperature is recommended) dry, cool and well-ventilated place away from direct sunlight and other sources of heat and ignition storing the product in conditions other than recommended may shorten the life time even by 3 months	

INSTALLATION GUIDE

The first layer of the wall must be raised using traditional mortar to accurately level the surface!

1. The working surfaces must be free of dust, debris and other materials that would impair the bond strength. Moisten the working surface with water, using a brush or spray. Polyurethane mortar should be protected on surfaces which may become dirty.
2. Optimal can's temperature is +20ºC. A cold can should be warmed or kept at room temperature for a minimum of 24 hours before application.
3. Wear protective gloves.
4. Attach gun applicator and shake can vigorously for 30 seconds.
5. Working position is always the upside down position.

APPLICATION



Blocks cannot be removed from the wall. In the event of a block being removed the application of a new line of mortar is required! To eliminate thermal bridges and increase the wall's durability and resistance, mortar should also be applied on the vertical surfaces of the blocks, in corners and on connections between partition walls.

1. Apply the mortar:
   - one bead in the middle of the block with a width of 12 cm
   - two parallel beads for blocks with a width exceeding 12 cm
2. Apply the mortar on the long side of the block keeping 3 cm distance from the side edge of the block forming:
   - bead with required diameter 3 cm for aerated concrete blocks
   - bead with required diameter 5 cm for hollow ceramic and silicate blocks
3. Blocks should be put on applied mortar up to 3 min after mortar application.
4. The block with the mortar should be pressed slightly in order to obtain thin slit evenly spread on the block surface.
5. To achieve the desired accuracy the blocks should be levelled. Blocks can be horizontally corrected within 3 minutes by up to 0.5 cm without detaching them from the wall. Stabilize the blocks with a rubber hammer.

CLEANING

When a break in application is longer than 15 minutes, the gun should be blocked and nozzle should be cleaned with cleaner. Keep the gun attached to the can.

FINISHING WORKS

Unscrew the gun from the can. Remaining mortar from inside the gun remove by pressing the trigger of the gun. Clean adaptor and the nozzle with cleaner. Screw the gun onto the can. Press the gun trigger several times until the gun is completely clean. Afer use the gun should be blocked.

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HIGH QUALITY UNIVERSAL POLYURETHANE FOAM

Rawlplug at your service

HIGHLIGHTS

Trust & Innovation
www.rawlplug.co.uk

GUN FOAMS

GUN PU foams are designed for a wide, universal range of applications (filling, sealing and mounting) where specific and unique properties (such a low expansion formula, controlled growth, high yield or resistance for low temperature) are required.

Excellent work comfort, precise application, controllable foam outflow speed these are just some of the advantages GUN PU foam gives you during application.

R-RPP-45-K

HANDHELD FOAMS

Handheld PU foams are designed mostly for DYI users. They are easy to use (straw is always included) and ideal for wide gap filling because of high post-expansion.

R-RPS-K

Scan the QR code for more information

Wide range of application

High quality universal poliurethane foam

HIGH thermal and accoustic insulation

INTERNAL AND EXTERNAL USE

FAST CURING, workable in 40 minutes

EXCELLENT ADHESION to most construction materials

HIGH YIELD – up to 45 litres from 750 ml can

ALL SEASON. WORKS FROM -10 TO +30 °C

Resistant to mould and fungi

IT STANDS OUT AS FOLLOWS:

- One component insulation and construction Polyurethane Foam
- Hand Held or Gun Grade
- Bonding, sealing and filling Joints & Gaps
- High thermal and acoustic insulation properties
- Excellent adhesion on various substrates
- Easy to apply and to clean
- Fast curing
- General Purpose

BRINGS MANY BENEFITS:

- Ideal for filling, sealing and soundproofing.
- Suitable for use indoors and outdoors.
- Excellent sound and thermal insulation properties.
- Excellent adhesion to most materials and substrates used in construction.
- Recommended for filling empty spaces and wide gaps
- Resistant to mould and fungi

A WIDE RANGE OF APPLICATIONS:

- Installation of pipes and pipes in air-conditioning systems and ventilation
- Application of polyurethane foam: assembly of woodwork window and door, filling, sealing, insulation in construction
- Installation of window and door joinery
- Easy installation of window and door frames – wood, metal, PVC
- Embedding, installation of doors and windows
- Thermal insulation of roofs and flat roofs
- Sealing and assembly of window sills
- Thermal insulation of water and sewage systems and central heating
- Filling gaps in thermal insulation at insulating buildings
- Filling of frame structures

SUBSTRATE MATERIAL

Certified to:

- Concrete
- Wall substrates
- Wood
- Steel plate
- PVC profiles
- Window profile