

Assessment Title	Installation of the Gebrik Insulating Brick Cladding System		
Location	On site		
Assessed on	02 Jan 2017	By	ISOSYSTEMS
Valid Until	02 Jan 2018	Ref	ISO/CoSHH/v2017 en
Published By	ISOSYSTEMS		
People Affected	Operator(s), Contractors		

## TASK/PROCEDURE














Task 1 - Gebrik panels and corners are screwed to the substrate and where necessary are cut in height and/or length to suit dimensional requirements. Brick slips are typically removed from the cut edge of the component to create 'stitching blanks' for application of brick slips (which will also require cutting to length). Typically this involves the use of electric drills, powerdrivers, cutters with appropriate discs, a handsaw and sharp plasterers knife.

Task 2 - Once the panels are firmly secured, PU foam is injected into the chamber created when panels abut. Typically this involves the use of Gebrik PU pistol and PU foam, supplied in 750ml pressurised canisters.

Task 3 - Once the system is watertight, brick slips are glued to maintain stretcher bond using either Gebrik 3 component PU Adhesive, supplied batched in 3kg boxes or Gebrik Cement-based Adhesive, supplied in 25kg bags.

Task 4 - Any excess PU foam should be removed from the face of the brickwork using Gebrik PU cleaner, supplied in pressurised canisters.

## SUBSTANCE INFORMATION

(ID)	Product Name (Code)	Manufacturer/ Supplier	Hazard Symbols
(1)	PUB/PUD PU foam	Isosystems AG	  
(2)	MC3 Comp B	Isosystems AG	 
(3)	ISO PU 1/2/3	Isosystems AG	 
(4)	ISO COL 1/2/3	Isosystems AG	
(5)	PU CLEANER	Isosystems AG	
(6)	MC3 Comp A	Isosystems AG	
(7)	BRICK SLIPS TE/SR/FE/KI/RB/CE	Isosystems AG	
(8)	BRICK SLIPS VS/DS/FB/EN/WB	Isosystems AG	
(9)	QUARTZ SAND 0,2-0,63 & M34	Isosystems AG	

KEY:  Irritant  Harmful  Extremely Flammable

### 👉 SUBSTANCE USAGE 👈

(ID)	Application	Area	Freq.	Qty.	Duration
(1)	Using Gebrik PU Pistol	Within chamber between Components		Approx 1no 750ml canister per 10sqm	
(2)	To be mixed in a dry receptacle with component A and powder	Applying brick slips to panels Corners		Approx 20-25 slips per 3kg box	30 minutes working time
(4)	To be mixed with water in accordance with suppliers instructions on pack	Applying brick slips to panels Corners		Approx 20-25 brick slips per 1kg dry Weight	Up to 24 hrs curing subject to humidity
(6)	To be mixed in a dry receptacle with component B and Powder	Applying brick slips to panels Corners		Approx 20-25 slips per 3kg box	30 minutes working time

### 👉 RISK AND SAFETY PHRASES 👈

#### **PUB/PUD PU foam**

- R42/43 - May cause sensitisation by inhalation and skin contact
- R36/37/38 - Irritating to eyes, respiratory system and skin
- R20 - Harmful by inhalation
- R12 - Extremely flammable
- S51 - Use only in well-ventilated areas
- S46 - If swallowed, seek medical advice immediately and show this container or label
- S41 - In case of fire and/or explosion do not breathe fumes
- S36/37 - Wear suitable protective clothing and gloves
- S30 - Never add water to this product
- S29/35 - Do not empty into drains; dispose of this material and its container in a safe way
- S3 - Keep in a cool place
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S24/25 - Avoid contact with skin and eyes
- S21 - When using do not smoke

#### **MC3 Comp B**

- R42/43 - May cause sensitisation by inhalation and skin contact
- R36/37/38 - Irritating to eyes, respiratory system and skin
- R20 - Harmful by inhalation
- S63 - In case of accident by inhalation: remove casualty to fresh air and keep at rest
- S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
- S28 - After contact with skin, wash immediately with plenty of water and soap
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

#### **ISO PU 1/2/3**

- R42/43 - May cause sensitisation by inhalation and skin contact
- R36/37/38 - Irritating to eyes, respiratory system and skin
- R20 - Harmful by inhalation
- S51 - Use only in well-ventilated areas
- S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S22 - Do not breathe dust

**ISO COL 1/2/3**

- R41 - Risk of serious damage to eyes
- R38 - Irritating to skin
- S46 - If swallowed, seek medical advice immediately and show this container or label
- S37/39 - Wear suitable gloves and eye/face protection
- S27/28 - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of please see SDS
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S24/25 - Avoid contact with skin and eyes
- S2 - Keep out of the reach of children

**PU CLEANER**

- R40 - Limited evidence of a carcinogenic effect
- S60 - This material and its container must be disposed of as hazardous waste
- S36/37 - Wear suitable protective clothing and gloves
- S25 - Avoid contact with eyes
- S24 - Avoid contact with skin
- S23 - Do not breathe please see SDS

**MC3 Comp A**

- S63 - In case of accident by inhalation: remove casualty to fresh air and keep at rest
- S37 - Wear suitable gloves
- S28 - After contact with skin, wash immediately with plenty of water and soap
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S24/25 - Avoid contact with skin and eyes
- S16 - Keep away from sources of ignition - No smoking

**BRICK SLIPS TE/SR/FE/KI/RB/CE**

- R36/37 - Irritating to eyes and respiratory system
- S51 - Use only in well-ventilated areas
- S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S22 - Do not breathe dust

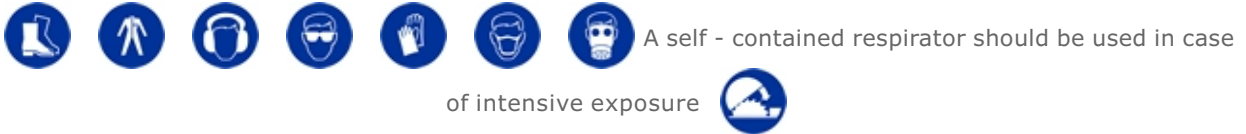
**BRICK SLIPS VS/DS/FB/EN/WB**

- R36/37 - Irritating to eyes and respiratory system
- S51 - Use only in well-ventilated areas
- S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S22 - Do not breathe dust

**QUARTZ SAND 0,2-0,63 & M34**

- R36/37 - Irritating to eyes and respiratory system
- S51 - Use only in well-ventilated areas
- S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S22 - Do not breathe dust



**PERSONAL PROTECTIVE EQUIPMENT**




**HAZARDS**

RISK RATING: LOW (1-6) MEDIUM (7-14) HIGH (15-25)

**MEDIUM HAZARD (12/25)**

Hazard Description	Severity	* Likelihood	= Risk
Task 1: Keep hands safe during cutting process	High (4/5)	Possible (3/5)	Medium (12/25)
<p>CONTROLS: </p> <p>IN EMERGENCY: </p>			




**MEDIUM HAZARD (12/25)**

Hazard Description	Severity	* Likelihood	= Risk
Task 1: Care must be taken when using cutting drilling equipment	High (4/5)	Possible (3/5)	Medium (12/25)
<p>CONTROLS: </p>			



**MEDIUM HAZARD (8/25)**

Hazard Description	Severity	* Likelihood	= Risk
Task 1: Care must be taken when using electrical cutting drilling equipment	High (4/5)	Unlikely (2/5)	Medium (8/25)

 **LOW HAZARD (6/25)** 

Hazard Description	Severity	* Likelihood	= Risk
Gebrik installation should be carried out in a ventilated area and PPE must be worn to prevent the harmful and irritating effects of the substances during cutting, drilling, foaming, gluing and cleaning	Slight (2/5)	Possible (3/5)	Low (6/25)
<p>CONTROLS:  In case of brief exposure or low pollution use respiratory filter device. In case of longer exposure use self - contained respiratory protective device  Use latex gloves when applying adhesive, foam and PU cleaner</p>			
<p>IN EMERGENCY:  Note: If symptoms persist consult medical assistance</p>			

 **LOW HAZARD (4/25)** 

Hazard Description	Severity	* Likelihood	= Risk
Task 2: Keep ignition sources away from PU Foam - do not smoke during application. Do not spary onto a naked flame or any incandescent material	Slight (2/5)	Unlikely (2/5)	Low (4/25)
<p>CONTROLS:  </p>			

 **LOW HAZARD (4/25)** 

Hazard Description	Severity	* Likelihood	= Risk
Task 2 4: Protect canisters from direct sunlight and do not expose to temperatures exceeding 50C. Observe official regulations on storing packagings with pressurised containers. Do not pierce or burn, even after use.	Slight (2/5)	Unlikely (2/5)	Low (4/25)

 **LOW HAZARD (4/25)** 

Hazard Description	Severity	* Likelihood	= Risk
Task 3: Avoid any spillage of the adhesives onto the floor	Slight (2/5)	Unlikely (2/5)	Low (4/25)

### ↩ **HEALTH SURVEILLANCE** ↪

It is the responsibility of the employer for the users safety and working conditions. Gebrik must be installed in accordance with the Installation Manual and employers Method Statement. The information provided herein should be used in conjunction with the appropriate MSDS (available upon request).