

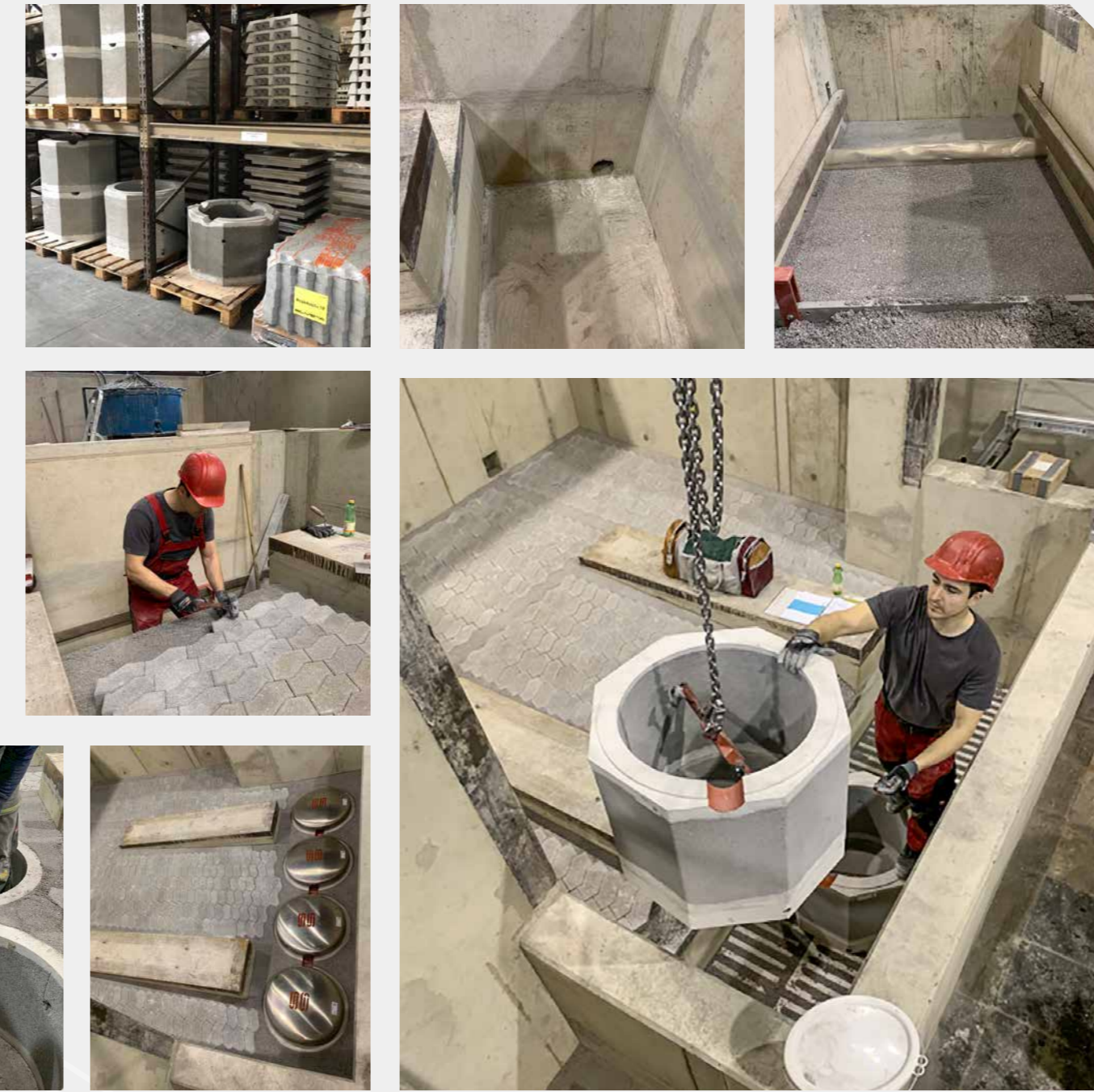
### Construction form ECP A

- For plants up to 30 t
- Full protection against steam explosion
- No downtime due to wet pits
- Maximum flexibility
- Various setups possible
- Optimal usage of space



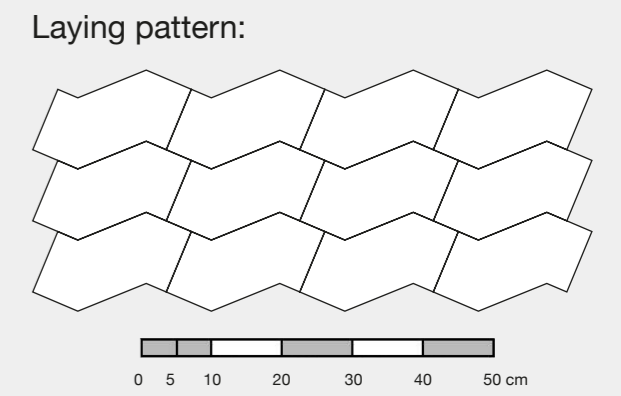
### Modular System GREEN ROP

- For plants up to 20 t
- Full protection against steam explosion
- No downtime due to wet pits
- DIY installation
- Easy planning with modular design
- Modules can be stocked
- Cleaning possible – inside out
- Lowest ecological footprint
- Foundry sand instead of concrete
- Vacuum cleaner instead of hydraulic hammer
- Individual replacement of modules
- Single-origin recycling



### Drain Bricks SF Drainage pavement SF

- High refractory
- Water and water-vapor permeable



Technical data:

Area / Brick	0.0196 m <sup>2</sup>	Piece / pallet	approx. 216 pcs
Bricks height	64 mm	Area / pallet	approx. 4.23 m <sup>2</sup>
Weight / brick	approx. 2.3 kg	Weight / m <sup>2</sup>	approx. 117 kg
Weight / pallet	approx. 520 kg	Joint width	approx. 2 mm
Need per area	51 pcs / m <sup>2</sup>	Application area	Emergency run-out pits

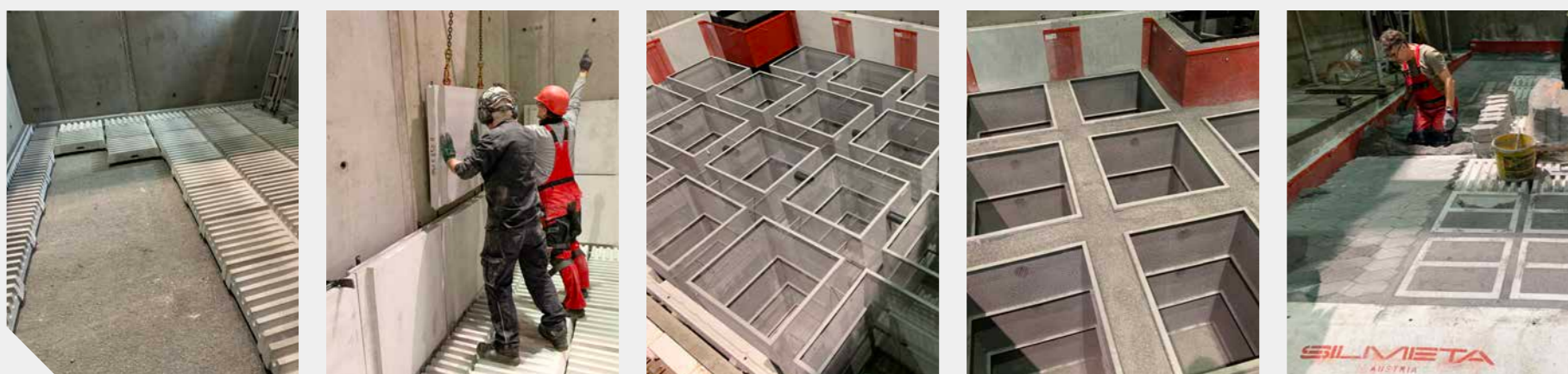
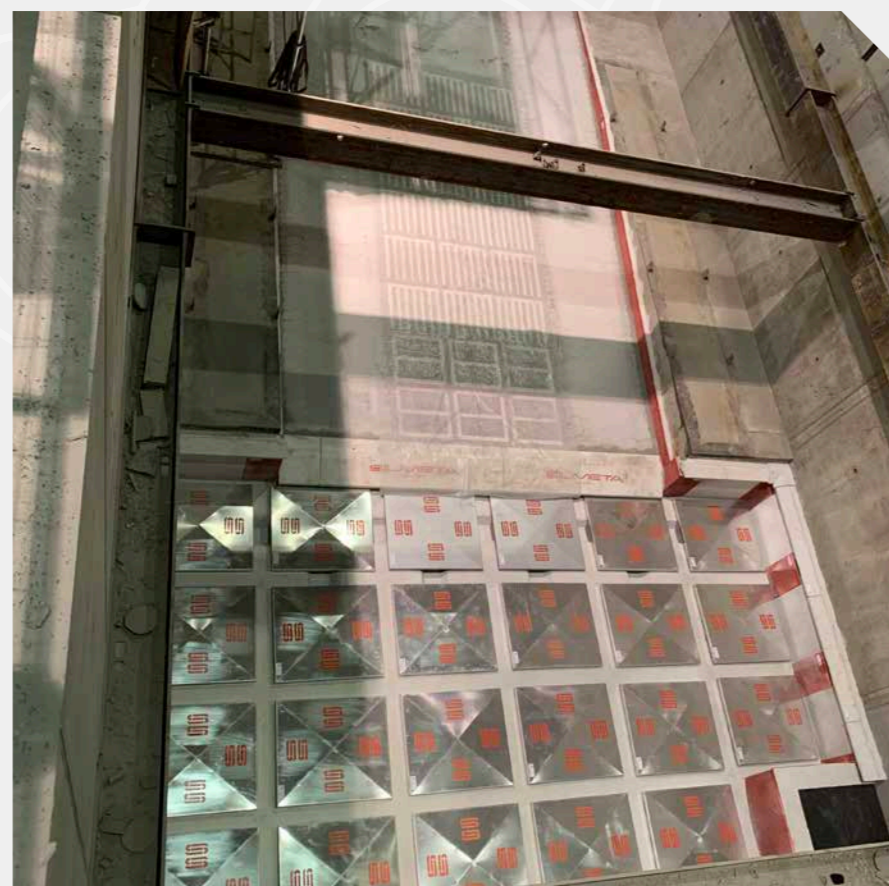
Laying in Foam Ceramic bed:

Apply Foam Ceramic approx. 5 cm high according to the install instructions, pull off cleanly with lath (do not lay more than 2 m<sup>2</sup> of paving at one time), align with lath and pave the entire surface. Then sweep off with Foam Ceramic and repeat the process if needed!

These metrics are good proxies and do depend on many factors. Therefore, no guarantees whatsoever can be provided. Please reach out to Silmeta for application-specific data before install.

### Construction form ECP C

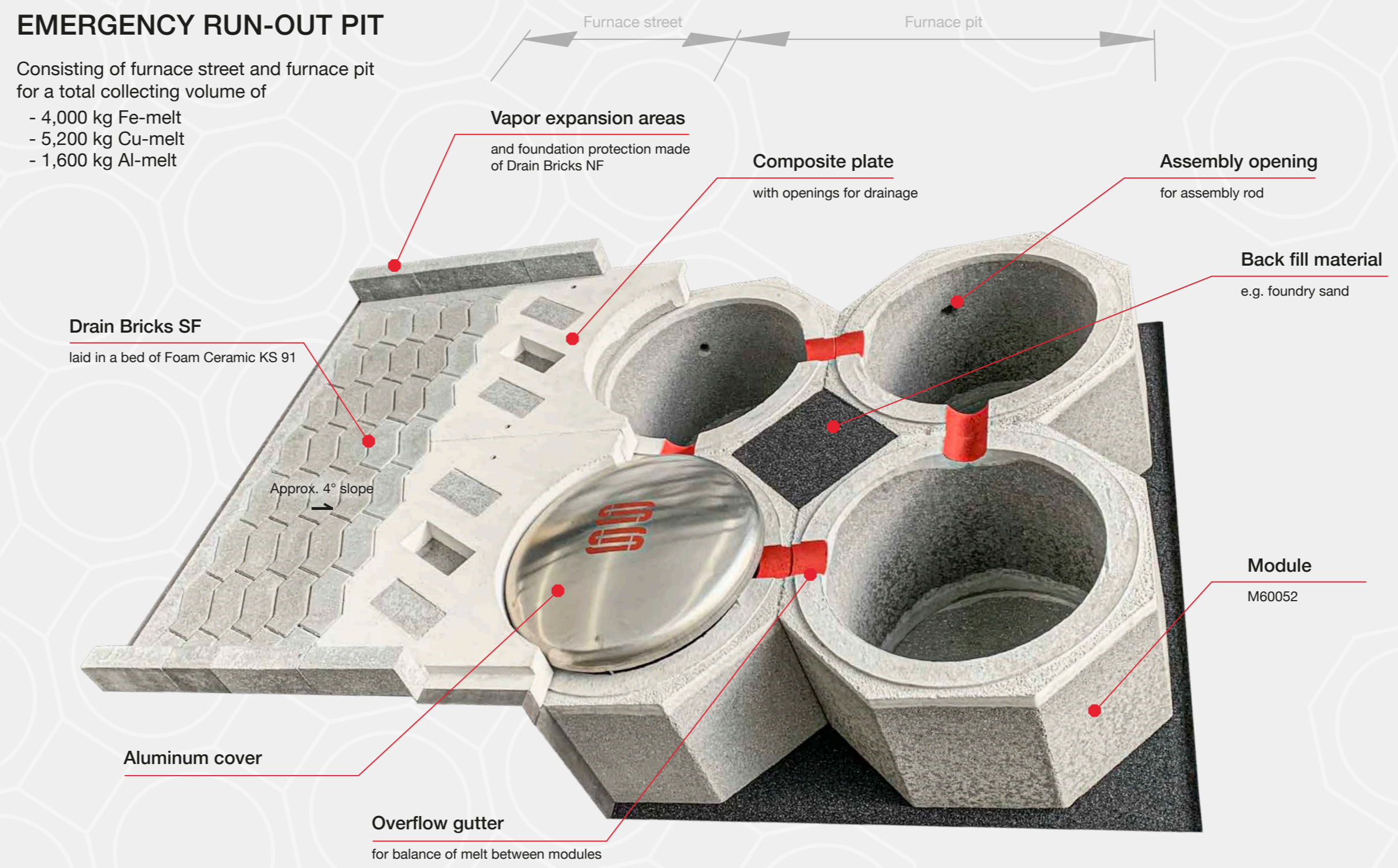
- For systems ranging from 20 – 200 t
- Full protection against steam explosion
- No downtime due to wet pits
- High flexibility
- Various set ups possible
- Optimal usage of space
- Maximum protection for the foundations
- Pit-in-the-pit
- Constant back ventilation
- Optimal cooling after incidents
- Low repair cost after incidents



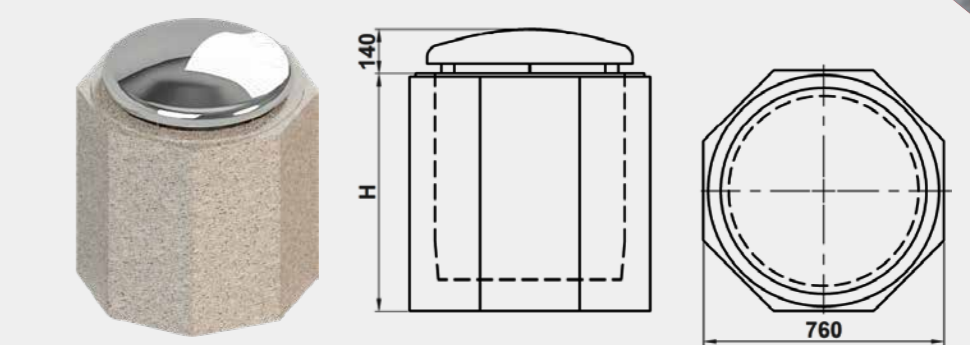
### EMERGENCY RUN-OUT PIT

Consisting of furnace street and furnace pit for a total collecting volume of

- 4,000 kg Fe-melt
- 5,200 kg Cu-melt
- 1,600 kg Al-melt



### MODULES for emergency run-out pits



Technical data:

Module	H [mm]	Holding capacity [kg]		
		Al	Fe	Cu
M60052	620	400	1,000	1,300
M60065	750	500	1,250	1,650
M60104	1,140	800	2,000	2,600
M60117	1,270	900	2,250	2,950

Silmeta Systems Modules for emergency run-out pits: Elements made of composite material KSV 21 for quick install and easy replacement.

- Lowest life-cycle cost (LCC) of all systems
- Reduced furnace downtime during install or repair
- Replacement modules on site – easy self-assembly
- Access for safety inspections at any time
- Easy recycling – no reinforcement – no ceramic fibers

**100 % safety against steam explosion – whether dry or wet!**

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