



## Technical Data Sheet

# THERMOPAL®-SR44

## Mineralic Restoration Plaster

Art.-No 2 01416

### Properties:

- Restoration Plaster tested by WTA
- dry, premixed restoration plaster
- high air-entraining volume
- permeability to vapour diffusion
- high salt storage
- manual or mechanical handling
- easy and economical application
- low consumption.

### Areas of application:

THERMOPAL-SR44 is suitable for the interior or exterior plastering of salt containing and/or wet walls.

### Technical Data:

Basis:	at works premixed dry mortar
Colour:	grey/white
Water demand:	7 – 7.5 l per bag
Storage :	25 kg bag, net
Consumption:	approx. 7.5 kg/m <sup>2</sup> per cm layer thickness
Layer thickness:	see table on second page
Storage:	In dry storage for 12 months, in original closed bags, use opened bags promptly.
Application temperature:	+5 to +25 °C
Official test:	Test certificate "Gütegemeinschaft Kalkstein, Kalk und Mörtel e.V., Köln"

### Surface preparation:

Remove old plaster, paint and sealing slurries. Scrape out masonry joints to a depth of 2 cm. Clean the surface mechanically. The surface must be load bearing and free from substances which can minimise the gripping and which have similar effects caused by parting agents, dust or other layers. Concrete surfaces must be open-pored. Walls with a high-salt-content must be pretreated with ESCO-Fluat. A cement spray layer as a bonding bridge may be used.

### Product preparation:

THERMOPAL-SR44 may be processed with all usual plaster mixing pumps. Small quantities can be mixed by hand with a drill mixer. After throwing or laying THERMOPAL-SR44 shall be levelled with a smoothing trowel, at a later stage the remainder is to be rubbed off or structured. Rubbing off to early leads to concentration of the binding agents at the surface of the plaster and may cause tension cracks.

### Important advice:

- Very damp substrates may lead to longer waiting times before rubbing off.
- To achieve smooth surfaces THERMOPAL-SR44 should be trowelled over with THERMOPAL-FS33.
- For colouring: ADICOR-SK, silicate paint for indoor and outdoor is recommended.
- The WTA Leaflet 2-2-91 is binding for the application and processing of THERMOPAL-SR44. The product is classified according to Hazmat regulations (GefStoffV)!

### System components:

Subsequent horizontal sealing:	AQUAFIN-F
Drilling hole mortar:	ASOCRET-BM
Subsequent vertical sealing:	AQUAFIN-2K
Salt transformation:	ESCO-FLUAT
Priming plaster:	THERMOPAL-GP1 I
Spatterdash coat:	MG III
Restoration plaster:	THERMOPAL-SR44
Fine filler:	THERMOPAL-FS33
Silicate paint primer:	ADICOR-G
Silicate paint:	ADICOR-SK

### Special advantage of the product:

THERMOPAL-SR44 contains light weight additives, which results in a low demand of material, very good processing characteristics and a raised volume of salt storability.

# THERMOPAL®-SR44

Degree of salting <sup>1)</sup>	Measures	Layer Thickness (cm)	Annotation
low	1. Spatterdash coat 2. THERMOPAL®-SR44	$\leq 0.5$ $\geq 2.0$	Do not completely cover with spatterdash coat.  Total layer thickness min. 2.5 cm, max. 4 cm roughen up previous coat. Drying time of individual coats 1 mm/day.
medium	1. Spatterdash coat 2. THERMOPAL®-SR44 3. THERMOPAL®-SR44	$\leq 0.5$ 1 - 2 1 - 2	
high	1. Spatterdash coat 2. THERMOPAL®-SR44 3. THERMOPAL®-SR44	$\leq 0.5$ $\geq 1.0$ $\geq 1.5$	

<sup>1)</sup> To be determined and calculated by pre-testing.