

# Technical data sheet

## Spezial 58 - 48

### Product description

Spezial 58 - 48 are high-quality roller moulding plasters for the production of roller and cup moulds. Thanks to the prevailing alpha-gypsum content, high strength values and an excellent degree of flexibility are achieved. The fitting accuracy of the moulds is ensured by means of an expansion reduction natural for these products. Slowly add the gypsum to the water and have it soaked. The stirring time depends on the stirring system and stirrer. Depending on the field of application, it should not be less than 1 minute. Stirring under vacuum is recommended.

### Information

This technical data sheet is intended to give advice to the best of our knowledge; it replaces any previous technical data sheets. The contents of this technical data sheet are not legally binding.

### > Technical data and specifications

Spezial		58	56	54	52	50	48
Water-gypsum factor		0.58	0.56	0.54	0.52	0.5	0.48
Gypsum / Water	kg/l	1.72	1.79	1.85	1.92	2.00	2.08
Slump flow	cm	21	21	21	21	21	21
Initial setting time	min	14	14	14	14	14	12
Final setting time	min	28	28	28	28	28	24
Linear expansion	%	0.25	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Act. capillary volume	%	38	37	36	35	34	32
Ball indentation hardness	N/mm <sup>2</sup>	52	57	62	67	72	80

The begin of the hardening process and expansion can be adjusted to the respective technical requirements.

### For further information please contact:

CASEA GmbH  
Pontelstraße 3  
99755 Ellrich  
Germany  
P +49 36332 89-100  
F +49 36332 89-202  
info@casea-gips.de  
casea-gips.de

### > Logistics and safety notes

Commercial form	bag, big bag and bulk
Shelf life	given dry storage, it can be stored for at least 6 months
Safety notes	see safety data sheet no specific hazards arising from Spezial 58 – 48

A company of the  
REMONDIS Group