

# MORTARS for STEEL

## CARBON BASED MORTARS

Products	Premixed	Set
HC3F Mortar	Yes	Air
C34 Mortar	No	Heat
C46 Mortar	Yes	Heat

## DRY AIRSET MORTARS

Products	Chemistry (%)		Temp. Limit
	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	
BRIKSET S DRY	5.9	90.8	1650°C (3000°F)
BRIKSET 40 DRY	42.6	50.9	1650°C (3000°F)
BRIKSET 50 DRY	49.8	44.7	1650°C (3000°F)
BRIKSET 65 DRY	66.8	25.9	1700°C (3100°F)
BRIKSET 85 DRY	80.7	14.1	1760°C (3200°F)
BRIKSET 90 DRY	89.9	8.2	1870°C (3400°F)
BRIKSET 96 DRY	96.7	2.8	1650°C (3000°F)
BRIKSET 99 DRY	99.8	0.0	2035°C (3695°F)
BRIKSET 85 SiC DRY (85% SiC)	2.7	8.9	1593°C (2900°F)

**WET AIRSET MORTARS**

Products	Chemistry (%)		Temp. Limit
	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	
BRIKSET S TC	3.4	93.0	1705°C (3100°F)
BRIKSET S DC	4.6	92.2	1705°C (3100°F)
BRIKSET 30 TC	28.5	67.2	1650°C (3000°F)
BRIKSET 30 DC	29.7	65.5	1650°C (3000°F)
BRIKSET 40 TC	40.0	56.0	1650°C (3000°F)
BRIKSET 40 DC	39.9	54.1	1650°C (3000°F)
BRIKSET 40 STC	40.2	52.5	1650°C (3000°F)
BRIKSET 50 TC	50.0	43.0	1705°C (3100°F)
BRIKSET 50 DC	48.5	45.9	1705°C (3100°F)
BRIKSET 60 TC	60.0	35.0	1760°C (3200°F)
BRIKSET 60 DC	55.0	38.6	1760°C (3200°F)
BRIKSET 65 TC	65.5	29.0	1788°C (3250°F)
BRIKSET 65 DC	65.5	29.0	1788°C (3250°F)
BRIKSET 70 TC	63.0	29.0	1815°C (3300°F)
BRIKSET 70 DC	67.0	26.8	1815°C (3300°F)
BRIKSET 80 TC	74.0	19.0	1760°C (3200°F)
BRIKSET 80 DC	75.1	18.7	1760°C (3200°F)
BRIKSET 85 TC	79.9	14.7	1815°C (3300°F)
BRIKSET 85 DC	79.9	14.7	1815°C (3300°F)
BRIKSET 90 TC	82.0	15.0	1870°C (3400°F)
BRIKSET 90 DC	82.6	14.5	1870°C (3400°F)

**TC = Troweling Consistency**  
**DC = Dipping Consistency**  
**STC = Thick Consistency**

