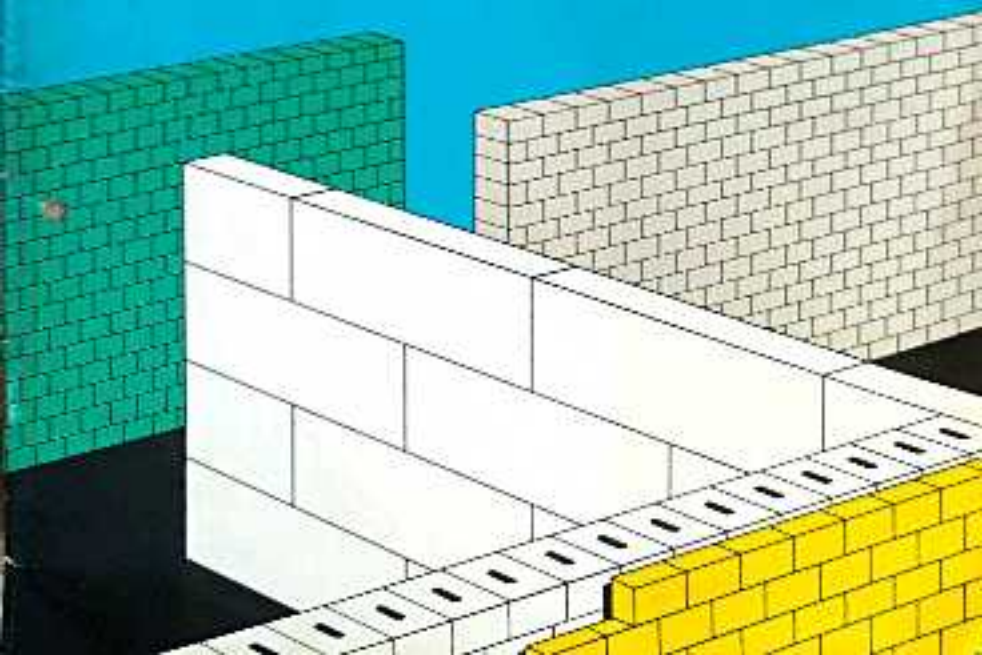


Ein
Baustein
erobert
die Welt

A
building brick
conquers
the world

DORSTENER



Kalksandsteine Calcium-silicate und ihre bricks Anwendungs- and their möglichkeiten applications

WAS SIND KALKSANDSTEINE?

Kalksandsteine sind Steine, die aus Kalk, quarzhaltigem Sand und Wasser auf Maschinen gepreßt und durch Hochdruckdampf gehärtet werden. Der Kalksandstein ist der moderne Baustoff des 20. Jahrhunderts und findet in aller Welt Verwendung. Die Gründe hierfür liegen im wesentlichen in den hervorragenden bauphysikalischen Eigenschaften und in seiner hohen Wirtschaftlichkeit. Es lassen sich variabel Verblende steine, normalformatige Voll- und Lochsteine, Blöcke und Elemente bis 0,8 m problemlos herstellen.

Durch die ständig wachsenden Ansprüche an Architektur und Städtebau bietet sich der Kalksandstein durch seine Robustheit, Langlebigkeit und seine wohnsympathischen Eigenschaften unauffällig dem modernen Baustoffmarkt an.

Der Baustein eignet sich, ob farbig oder natur, für die unterschiedlichsten Bauweisen wie Wohnhäuser - vom Einfamilienhaus bis zum mehrgeschossigen Hochhaus - , Industrie-Bauten, kulturelle Einrichtungen, Schulen, usw.

WHAT ARE CALCIUM-SILICATE BRICKS?



Calcium-silicate bricks are manufactured from lime, siliceous sand and water, compacted at high pressure and cured in an atmosphere of high pressure steam. The calcium-silicate brick is the modern building material of the 20th century. It is used throughout the world because of its excellent physical properties and for economy reasons. Facing bricks, standard size solid or perforated bricks, blocks and elements up to approx. 0,8 sq.m. can easily be produced. Due to their durability, long-life span and attributes that render them pleasant to live with, calcium-silicate bricks satisfy ever-increasing

demands on architecture and city planning and are highly suitable for the modern market in building materials.

Calcium-silicate bricks (artificial or natural colour) are suitable for most diverse building purposes like single family houses or multi-storey buildings, industrial buildings, churches, schools etc.

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DORSTENER plans and builds for the
**CALCIUM-SILICATE BRICKMAKING INDUSTRY,
BUILDING MATERIAL INDUSTRY,
REFRACTORY PRODUCTS INDUSTRY:**

complete plants,
hydraulic and mechanic presses,
fully-automatic brick take-off and
stacking robots,
spare and wearing parts of all kinds
for the production of:
calcium-silicate bricks,
calcium-silicate bricks and elements,
refractory ceramic and
refractory bricks made of
dolomite, magnesite — corundum and iron-bonded —,
silica and chromite bricks,
clay bricks, asphalt tiles, gas concrete, dry mortar.

DORSTENER constructs and builds
for the **DRIVE TECHNOLOGY**

planetary gearboxes,
worm gear- and bevel gearboxes,
bevel gearboxes — also as shaft gearboxes —
from 100 - 230000 dphm.
ZADOR - Crowned gear coating

DORSTENER design and manufacture for the
**CALCIUM-SILICATE BRICKMAKING INDUSTRY,
BUILDING MATERIAL INDUSTRY,
REFRACTORY PRODUCTS INDUSTRY:**

complete plants,
hydraulic and mechanic presses,
fully-automatic brick take-off and
stacking robots,
spare and wearing parts of all kinds,
as liners, top plates, cores, etc.
for the production of:
calcium-silicate bricks,
calcium-silicate bricks and elements,
refractory ceramic and
refractory bricks made of
dolomite, magnesite — corundum and iron-bonded —,
silica and chromite bricks,
clay bricks, asphalt tiles, gas concrete, dry mortar.

DORSTENER design and manufacture
in the field of **DRIVE COMPONENTS:**

planetary speed-reducers,
helical, bevel and bevel helical speed-reducers,
special speed-reducers — also as shaft gearing —
from 100 to 200.000 dphm.
ZADOR - Crowned gear coating

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