

# Company means for the Contex 3D printer

**BRAKENSIEK®**  
SYSTEMHAUS **1EN**

## Materialien

Pulverbindersystem und Infiltrante



## **Company means for the Contex 3D printer**

Contex offers various material systems to do justice to the most different modelling standards. Thanks to the different material options the material qualities can be adapted to the respective use. Thus the use of the 3D-printers is further raised by Contex. Every material system does justice to the high standard of the 3D-printers of Contex and offers printing with high speed as well as low cost of materials.

New material can be loaded fast and simply in the 3D-printer. All not used materials are recyclable by which the cost of materials further decreases.

### **STANDARD MATERIAL:**

Standard material (also for high demands)

"Powder ZP 130 + binder zb 58" for Designmate Mx and Cx

To the production of especially exact and stable components the highly competitive powder is used ZP 130.

Qualities:

- high demands with regard to the stability
- breakable or dünnwandige components
- Colour pressure
- the exact representation of construction details

"Infiltrat Z Bond 101 + Infiltrat Z Max"

By Infiltrierung one reaches the desired mechanical and optical qualities.

### **MATERIALS SONDER**

Downpour materials

Direct casting "powder Z-Cast 501 + binder zb 56" for Designmate Mx and Cx

Z-Cast can be used to the production by sandy moulds for non-ferrous metals.

The material stands firm to the high heat which is necessary to Giessen of non-ferrous metals.

Investment casting "powder zp14 + binder zb 51" only Designmate Mx

zp14 is suited to the quick production of components which are dipped in wax to produce thus fine downpour pattern.

The mass exists of cellulose, special fibers and other additives which combine to an exact component, and wax can be absorbed and remains are minimised during the Ausbrennverfahrens.

Elastomeres material

"Powder zp15e + binder zb 51 or binders zb58" for Designmate Mx and Cx

Elastomeres material was developed especially to the infiltration with an Elastomer to be able to produce components with qualities similar to rubber. The material system exists of cellulose, special fibers and other additives which combine to an exact component which absorbs the Elastomer. In this manner the components receive qualities similar to rubber.

"Infiltrat Elastomeric Urethane Synair Por-A-Mold"

By Infiltrierung one reaches the desired elastomeren qualities.

Snap+Fit

"Powder zp250 + binder zb 56" only Designmate Mx

Snap fit material was developed especially to the infiltration with our Snap epoxy resin to be able to produce components with Biegeeigenschaften similar to plastic which are ideally for the application at engaging places. With the system basing on gypsum components with a porous basic mass which particularly a lot of Z-Snap-Infiltrat absorb can be produced.

"Infiltrat Z-Snap"

By Infiltrierung with Z-Snap one reaches the desired Biegeeigenschaften similar to plastic.

However, Contex offers not only different material options. The components of Contex are also could provide

polished, drilled into, with threads, are lacquered and are galvanised.

With it you have by the qualities of the ready components even more possibilities. You find (closer information about the availability dependent on platform on the sides of information to the printer.)

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