



## DOOR INNOVATION 2011

Internorm is opening a brand new door for you with lasting and attractive details with THERMO PORTAL:

- [ ] Highly thermally insulating – your energy saving potential
- [ ] Puristic design – your design freedom
- [ ] Highest security – your feel good factor

You can find out many more aspects at all Internorm partners.

This folder will give you a first impression into the design variety of the new aluminium door. Of course you can implement different colours, diverse glazing options, numerous shapes and side panels.



## THERMO PORTAL | TECHNICAL DATA

### th[er]mo portal

- [ ] High quality aluminium door series in basic design – door panel with **flush appearance**
- [ ] Excellent thermal insulation through coated, gas filled **quadruple glazing** with an overall thickness of 82 mm
- [ ] Best thermal insulation values:  $U_{D \text{ full door plate}} = 0,84 \text{ W/m}^2\text{K}$  (CE norm dimensions 1230x2180)
- [ ] Profile construction depth 93 mm
- [ ] **Special 2 part door panel**, overall thickness 90 mm, with **perfect thermal insulation**, aluminium top layer on the outside and two layers in between for **highest stability**
- [ ] Special expansion insert in the door panel for **high climatic stability**
- [ ] 3 chamber profile with 35 mm polyamide rails and foam insulation core
- [ ] Special triple gasket construction with overlapping high quality elastic silicone gaskets
- [ ] Thermally broken 3 chamber threshold, also ideal for refurbishments
- [ ] Standard 5 point lock for **highest security**
- [ ] All Internorm colours (see Doors book 2011/12)



# THERMO PORTAL | MODEL P100



P101-1



P101-1



P101-1



P101-1

THERMO PORTAL | MODEL P200



P202-3



P202-1



P201-1



P207-2



# THERMO PORTAL | MODEL P300 + P400



P302-3



P301-1



P302-1



P402-1



THERMO PORTAL | MODEL P400



P405-1



P408-1



P407-1



P401-4

# THERMO PORTAL | OVERVIEW P100 – P200



P201-1



P203-4



P202-2



P202-3



P204-1



P204-1



P205-1



P205-1



P203-1



P203-3



P204-1



P204-1



P206-1



P206-2



P207-1



P207-1



# THERMO PORTAL | OVERVIEW P300 – P400



P301-1



P301-2



P302-4



P302-2



P401-1



P401-2



P401-3



P403-1



P303-1



P303-2



P304-1



P304-1



P404-1



P406-2



P406-1



P409-1

## DESIGN

**NEW: The design is increasing!**

With larger doors you will receive additional designer elements; glass cut-outs, designer grooves, stainless steel heavy duty joiners etc.



## LEVERS



GD10, Edelstahl



GD15, Edelstahl



PD21, Edelstahl



PD15, Chrom matt



PD12, Chrom matt



VD20, Edelstahl



**Design by Zaha Hadid**  
VD21, Chrom glänzend



VD22, Chrom glänzend

## RECESSED HANDLES



SG 11



SG 14



SG 12



SG 15



SG 13



SG 16

Your Internorm partner will gladly inform you about the complete Internorm range of handles.



SG 17



SG 18

# THERMO PORTAL | SECURITY & COMFORT



## STANDARD SECURITY – MANUAL

**Multi point lock mechanical with main bolt, two steel bolts and two rotary bolts**

- [ ] Manual locking and unlocking with a key

## SECURITY & COMFORT – PART MANUAL

**Multi point lock part manual with main bolt and two rotary bolts**

- [ ] Automatic, manual locking of the two rotary bolts via spring when closing
- [ ] Open conveniently from the inside via lever or button
- [ ] Open from the outside via electro motoric unlocking with your chosen admission control system (finger scan, wireless or key fob)
- [ ] You can always – even during power cuts – open the door from the inside or outside with your key

## SECURITY & EXTRA COMFORT – FULLY AUTOMATIC

**Multi point lock fully automatic with main bolt, two steel bolts and two rotary bolts**

- [ ] Automatic, motor-driven locking of all five locking elements
- [ ] Open conveniently from the inside via lever or button
- [ ] Open from the outside via electro motoric unlocking with your chosen admission control system (finger scan, wireless or key fob)
- [ ] Many additional features: signal lamp can be connected, evaluation of door status, electric door/night set-up etc.
- [ ] You can always – even during power cuts – open the door from the inside or outside with your key

## FINGER SCANNER

Sophisticated technology from biometrics market leader ekey and Internorm's well-proven quality join in elegant design. The integrated finger scanner replaces the conventional key in a convenient way without competition. The control unit is space-saving and securely situated in the door sash. Keys, cards or codes can no longer be forgotten, lost or stolen.



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## IMPRINT

**Publisher:** Internorm International GmbH, Ganglgutstraße 131, A-4050 Traun

**Images:** Studio Hoffehner, A-4600 Wels | nam architektur & fotografie, A-6850 Dornbirn  
Fotoagentur allesfoto.com, I-39052 Kaltern | Internorm International GmbH, A-4050 Traun

**Design and litho:** Internorm International GmbH, A-4050 Traun

**Print:** Friedrich VDV, A-4020 Linz

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