

# DIMENSIONING

name/commission:

address:

phone/fax/mail:

**iWater**

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## WATER RECYCLING WITH:

rainwater utilisation

greywater utilisation

Water management (combination)

## TO USE IN:

one-family house

office buildings

school

residential building

hotel

## APPLICATION:

number of person

number of WC with toilet tank

number of WC with flushing valve

number of urinals

number of washing machines

number of extraction points in the garden

irrigation area in m<sup>2</sup>

further water demand in m<sup>3</sup>/year

## PLANNING RAINWATER UTILISATION

### FLOOR SPACE:

floor space main building in m<sup>2</sup>

floor space outbuilding in m<sup>2</sup>

### ROOFAGE

	main building	outbuilding
flat roof	<input type="text"/>	<input type="text"/>
gabled roof	<input type="text"/>	<input type="text"/>
concrete-roofing slab	<input type="text"/>	<input type="text"/>
roof with gravelfill	<input type="text"/>	<input type="text"/>
leafy roof	<input type="text"/>	<input type="text"/>
schist	<input type="text"/>	<input type="text"/>
miscellaneous	<input type="text"/>	<input type="text"/>

### DETAILS TO THE HOLDING TANK

installation location:

in the ground

in the building

preferred holding tank in the ground

cisterne from concrete

walkable

PC - drivable

HGV - drivable

tank from plastics

### DETAILS TO THE SYSTEM

length of the pipe between holding tank and pump in m

height difference between holding tank and pump in m

height difference between pump and highest extraction point in m

press-pipe length in the building in m

DOWN PIPES:

number/diameter in mm

material: zinc

copper

plastics

## PLANNING GREYWATER UTILISATION

### WHICH WATER SHOULD BE TREATED?

number of showers

number of bathtubs

### OPERATION TIME OF THE SYSTEM

continuous

regular idle time:

### LOCATION OF THE SYSTEM

cellar

at ground level

### WHICH ADDITIVES ARE ADDED

soap, shampoo

washing agent

miscellaneous

### DETAILS TO THE PEAK LOAD

a.m.

at noon

p.m.

### DIMENSIONS LOCATION

ceiling height in cm

inflow level of the greywater in cm

outflow level of overflow to the canal in cm

smallest dimension of the passage (door) in cm

### WATER COSTS

potable water costs per m<sup>3</sup>

sewage costs per m<sup>3</sup>

electricity costs per kilo watt hour

### advice:

Please add ground plan and dimensioning of the building as a drawing or a copy of the plant layout and indicate the position of the down pipes. If you prefer a system with an external tank, please add the plan of site and indicate the planned position of the holding tank in any case. Please annotate separately special features (hillside situation, bedrock, sprinkling systems, groundwater, etc.)