Rainwater Infiltration Commercial Systems

Please fill in this form, save it and send it to us at info@intewa.de

Company	
Contact person	
Street, no.	
Postal code, city	
Telephone	
Telefax	
E-Mail	

Project name	
Construction type	
Street, no.	
Postal code, city	

In parallel with the dimensioning of rainwater infiltration systems, INTEWA is pleased to conduct an assessment of rainwater runoff according to DWA-M 153 for systems within Germany. This can determine the necessity of handling measures and, if necessary, INTEWA can offer a DWA-compliant handling measure with the aim for direct discharge into a ditch.

Collection surfaces (Projected roof areas)

No	Description	Area [m²]	Collection surface properties	Classification according to DWA M153
1				
2				
3				
4				
5				

Additional specifications for assessment of rainwater runoff according to DWA-M 153:

Receiving water type (G)		according to Table 1b DWA-M 153
Air pollution (L)		according to Table 1b DWA-M 153

Calculation method:

In Germany, KOSTRA precipitation data are to be used for the calculation. For a calculation outside of Germany, please enter the precipitation data as a table or as a single value [e.g. 300 L/(s·ha), 15 minutes].

Rainfall		[L/s·ha]
Period		minutes

Intended infiltration type:

Description

Structural boundary conditions:

Max. surface area for infiltration		[m] length x width
Inlet pipe bottom depth		[cm] below surface level
Inlet diameter		[DN]
Highest average groundwater level (MHGW)		[cm] below surface level
Coefficient of permeability (kf-value)		[m/s]
If permeability coefficient is unknown		
Specifications for traffic loads		

Remarks:

Attachments

- ☐ Drainage plan
- ☐ Drainage request
- ☐ Layout drawings
- ☐