

# Rainwater run-off copper roof

Check with local authority concerning the use of copper in construction

Application allowed (under conditions)

no

Check possibility of varying from general policy

yes

Possibility of discharging into surfacewater at a distance of less than 50 m ?

yes

flow rate surfacewater > 2m<sup>3</sup>/sec

no

roofsurface > 250 m<sup>2</sup>: need to take measures

Possible measure for reduction of copper emission ?

yes

Emission possible, based on immission-tool and 10% MAR rule. (Max. allowed risk)

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Discharge in sewage system and then to WTP possible? (Wastewater treatment plan)

yes

Effluent WTP to surfacewater with flowrate of > 2m<sup>3</sup>/sec

no

from > 1000 m<sup>2</sup> roofsurface: measures may be necessary ?

Possible measure for reduction of copper emission ?

yes

Emission possible, based on immission-tool and 10% MAR rule. (Max. allowed risk)

no

no

Infiltration via Wadi possible ?

yes

Calculate infiltration installation and provide management measures

