

FAUCETS

NOFER

Family products

Timed faucet models

07400.LN, 07400.LA, 07400P.LS,
07410.LN, 07410.LA, 07410P.LS,
07420.LN, 07420M.LN, 07426M.LN,
07426MXL.LN, 07430.LN, 07430P.LS,
07430M.LN, 07430MP.LS, 07440.LN,
07440.LA, 07440P.LS, 07450.LN,
07480.LN, 07570.LN, 07570.LA

Metered/Automated faucet models

07250.2.LB, 07250.2.LN, 07260.LB,
07260.LN, 07260M.LB, 07260M.LN,
07261.LB, 07261.LN, 07261M.LB,
07261M.LN, 07263.LB, 07263.LN,
07263M.LB, 07263M.LN, 07264.LB,
07264.LN, 07265.LB, 07265.LN,
07360.220.LS, 07360M.220.LS,
07360.220.LB, 07360M.220.LB,
07360.220.LN, 07360M.220.LN,
07360.220.LCU, 07360.220.LG,
07360.220.LPG, 07360.220.LTT,
07361.220.LS, 07361M.220.LS,
07361.220.LB, 07361M.220.LB,
07361.220.LN, 07361M.220.LN,
07361.220.LCU, 07361.220.LG,
07361.220.LPG, 07361.220.LTT,
07362.220.LB, 07362.220.LN,
07362M.220.LB, 07362M.220.LN,
12053.M

NOFER FAUCETS

FAUCETS NOFER



Lavatory faucets

Product family representative and operation characteristics

- Timed faucet: 07400.
- Automated faucet: 07260.

Consumption: 1,89 l/min

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Summary table: Environmental parameters, in which products have a specific contribution.
Contribution detailed in VERDE, LEED and BREEM sections.

Supporting documentation	Certification: DAP, CSR, REACH, GRI	Self-declared	Potential
Site Mobility Solar Reflectance Index SRI	Rainwater Management	Exterior Lighting	...
Energy Atmosphere Embodied Energy	Greenhouse gases	Energy Demand Reduction	Equipment Efficiency, Other Polluting gases, Renewable energy, Energy management, ...
Materials Accredited location	Pre-consumer recycled content	Post-consumer recycled content	Potential reuse, Certified wood, Construction waste, Chemical composition, ...
Water Consumption < reference	Water management	...	
Indoor Environment Low emitting VOC's	Low emitting formaldehyde	Thermal comfort	Lighting comfort, Acoustic comfort, Air quality, ...
Innovation Design Innovation	Exemplary performance		

NOTES:

1. The information included in this document shows product compliance with environmental certification (VERDE, LEED or BREEAM) criteria. The analysis is performed based on the information provided by manufacturer. To ensure the compliance of these credits, it will be necessary during the process of any of the certifications to verify the validity of the information and data provided by the company.
2. This document does not constitute a product certification, nor does it guarantee compliance with local regulations.
3. The conclusions of this study apply only to products included in this report and are subject to the invariability of product technical conditions.
4. The validity of this document is subject to supporting documents expiration date, regulations variation, and environmental certification systems updates.
5. This document informs about products possible contribution to VERDE, LEED or BREEAM certifications. However, the final decision on whether or not a product meets certification requirements is exclusive to certification bodies: GBCI (Verde Business Certification Inc.) for LEED certification and BREEAM ES for BREEAM certification.

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SUMMARY OF CRITERIA VERDE



NATURAL RESOURCES

RN 01 Water consumption in sanitary appliances

Environmental categories VERDE



Plot and Location

Energy and Atmosphere

Natural resources

Indoor Environment

Social Aspects

Building quality

Innovation

VERDE CERTIFICATIONS STANDARDS

Buildings 2020

Building

DU P

Urban Development Polygons

CREDIT SHEET VERDE



CATEGORY NATURAL RESOURCES

RN01 Water consumption in sanitary appliances (VERDE BUILDINGS 2020)

Objective Reduce the consumption flows of sanitary appliances to promote water savings.

Compliance Data NOFER's timed and automatic taps have a consumption of 1.89 l/min, 69%-58% below the 6-4.5 l/min used by VERDE as a reference for residential and other uses. They can therefore contribute to meeting the requirements of the criterion by saving water.

Evaluation procedure The percentage of reduction in drinking water consumption in sanitary appliances will be between 10 and 30% compared to the reference set by the VERDE tool.

Below are the reference consumptions used by the VERDE tool:

Element	Flow Rate	
	<i>Private residential use</i>	<i>Uses other than private resider</i>
Kitchen faucet	6 L/min	–
Washbasin	6 L/min	4.5 L/min
Shower	8 L/min	8 L/min
Bathtub	10 L/min	–
Toilet (short flush)	3 L/use	3 L/use
Toilet (full flush)	6 L/use	6 L/use
Urinal	–	4 L/use

Example of analysis NA

Supporting Documents [Technical data sheets](#)

Reference Standard NA

CREDIT SUMMARY

LEED v4



WATER USE EFFICIENCY (WE)

WE Reduction of indoor water use (prerequisite and credit)



INNOVATION (ID)

ID Innovation in Design. Exemplary performance



REGIONAL PRIORITY (RP)

Regional Priority PR

LEED Environmental Categories



(LT)
Location and
Transportation



(SS)
Sustainable
Locations



(WE)
Water use
efficiency



(EA)
Energy and
atmosphere



(MR)
Materials
and
Resources



(IEQ)
Quality of
the Indoor
Environment



(ID)
Innovation
in Design



(RP)
Regional
Priority

LEED CERTIFICATION STANDARDS (v4-v4.1)

EB Existing Building
NC New Construction
CI Commercial Interiors
CS Core & Shell
SNC School New Construction
SEB School Existing Building
MMR Multifamily Mid Rise

RNC Retail New Construction
REB Retail Existing Building
RCI Retail Commercial Interiors
HC Healthcare
HNC Hospitality-New Constr.
HEB Hospitality-Existing Building
HCI Hospitality-Commercial Int.

DCNC Data Center NC
DCEB Data Center EB
WNC Warehouse NC
WEB Warehouse EB
NDP Neighborhood Devel. Plan
ND Neighborhood Develop.
HM Homes

CREDIT SUMMARY

LEED v4



CATEGORY

EFFICIENCY IN THE USE OF WATER (WE)

Reduced indoor water use

(EB, NC, CI, CS, SNC, SEB, RNC, REB, RCI, HC, HNC, HEB, HCI, DCNC, DCEB, WNC, WEB)

Objective Reduce indoor water consumption.

Compliance Data NOFER's timed and automatic taps have a consumption of 1.89 l/min, thus being able to contribute to meeting the requirements of the credit by saving water.

Evaluation procedure Reduce indoor water consumption from the LEED baseline. Below are the reference consumptions used by LEED:

Elements	Reference flow rates
Toilets	6 l/descarga
Urinals	1.9 l/min
Washbasin taps (public use)	1.9 l/min
Washbasin taps (private use)	8.3 l/min
Kitchen taps (excluding taps for filling pots)	8.3 l/min
Showers	9.5 l/min

NOTE: The LEED EBOM v4.1 tool awards the score based on the score obtained in the ARC tool, which depends on the comparison of the building's water consumption with the water consumption of similar buildings.

Exemplary performance (bonus score):

- LEED BD+C and LEED CI: Achieve at least 55% water savings compared to the reference building.
- LEED EBOM: Achieve at least 35% water savings compared to the reference building.

Analysis example N/A

Support documents *Technical data sheets*

Reference Standard

- Energy Policy Act (EPAAct) of 1992 and as amended: eere.energy.gov/femp/regulations/epact1992.html
- EPAAct 2005: eere.energy.gov/femp/regulations/epact2005.html
- International Association of Plumbing and Mechanical Officials Publication IAPMO/ANSI UPC 1-2006, Uniform Plumbing Code 2006, Section 402.0, Water-Conserving Fixtures and Fittings: iapmo.org

- International Code Council, International Plumbing Code 2006, Section 604, Design of Building Water. Distribution System: iccsafe.org
- ENERGY STAR: energystar.gov
- Consortium for Energy Efficiency: cee1.org
- WaterSense: epa.gov/watersense
- IgCC/ASHRAE 189.1 cooling tower and evaporative condenser requirements: ashrae.org/resources--publications/bookstore/standard-189-1





CATEGORY INNOVATION IN DESIGN/OPERATION (ID)



ID Innovation

(NC, CS, SNC, RNC, HC, HNC, DCNC, WNC, CI, RCI, HCI, EB, SEB, REB, HEB, DCEB, WEB)

Objective	Reward projects that achieve exceptional or innovative performance in meeting LEED requirements.
Compliance Data	NOFER can contribute to meeting the requirements of exemplary performance in the WE – Indoor Water Efficiency credit.
Evaluation procedure	<p>Option 3: Exemplary Performance (EP)</p> <p>Some LEED credits give the option of obtaining an extra point for Exemplary Performance (EP) if the requirements of said credit are exceeded, reaching the values defined by LEED as Exemplary Performance (EP).</p>
Analysis example	N/A
Support documents	See corresponding credit
Reference Standard	See corresponding credit.



CATEGORY REGIONAL PRIORITY (RP)

◆ **RP Prioridad Regional**
(NC, CS, SNC, RNC, HC, HNC, DCNC, WNC, CI, RCI, HCI, EB, SEB, REB, HEB, DCEB, WEB)

Objective	Assess criteria of special relevance depending on the specific climate of each region.
Compliance Data	In some locations in Spain, the WE c2 Reduction of inland water consumption credit is eligible for Regional Priority, as long as the percentage of savings exceeds 40% (4 points). Applicability can be checked at: https://www.usgbc.org/regional-priority-credits .
Evaluation procedure	Depending on the sustainability priorities in the different regions, Regional Priority credits have been established that can be obtained automatically in case of demonstrating compliance with the credit, with a certain level of compliance.
Example of analysis	N/A
Supporting Documents	See corresponding credit.
Reference Standard	See corresponding credit.

REQUIREMENTS SUMMARY

BREEAM



WATER

AG 01, Water Consumption
05AG004 (BREEAM use)



INNOVATION

INNOVATION

Environmental categories BREEAM ES



Management

Health and Wellness

Energy

Transport

Water

Materials

Waste

Land use and ecology

Contamination

Innovation

BREEAM ES CERTIFICATION STANDARDS

UR BREEAM ES Urbanism

NC BREEAM ES New construction

VIV BREEAM ES housing

USO BREEAM ES Use

REQUIREMENTS SHEET

BREAM ES



CATEGORY

AGUA

AG 01 Water consumption

05AG004 (BREEAM Use)

(BREEAM ES NEW CONSTRUCTION 2015, BREEAM ES HOUSING 2020, BREEAM ES IN USE 2014)

Objective	Reduce the consumption of drinking water for sanitary use and irrigation in the building through the incorporation of water efficiency appliances and water recycling systems.
Compliance Data	NOFER's timed and automatic taps have a consumption of 1.89 l/min, below the BREEAM requirements, and can therefore contribute to meeting the requirement.
Evaluation procedure	<p>BREEAM New Construction & Housing:</p> <p>The objective of this Requirement is to reduce the demand for drinking water by installing more efficient sanitary appliances and to compensate for the final demand for non-potable water with the installation of grey or rainwater systems.</p> <p>The calculation must take into account – when specified – the following domestic sanitary appliances:</p> <ol style="list-style-type: none"> a. Toilets b. Urinary c. Faucets (washbasin and, where specified, kitchen taps, waste disposal units). d. Showers. e. Bathtubs. f. Dishwasher (domestic and commercial). g. Washing machines (domestic and commercial/industrial). <p>The BREEAM calculator calculates the score based on the level of efficiency achieved by both sanitary appliances and the demand for non-potable water covered by grey or rainwater systems.</p> <p>Exemplary level:</p> <ul style="list-style-type: none"> • Office buildings, industries, shops and schools: High percentages of improvement (60-65% depending on the area of precipitation). • Other typologies (including dwellings): When the efficiency level of sanitary appliances reaches level 5 (corresponding to 3l/min for sinks) and 95% of the toilet/urinal discharge and irrigation demand is met by using recycled non-potable water obtained through rainwater or grey water systems. • Housing: The overall level of components achieved is 5 and a recirculation system is used to prevent the consumption of hot water in the taps at a lower temperature than that selected by the user.

BREEAM IN USE:

The percentage of low-consumption washbasin taps (4.5 l/min) is over 75%.

Example of analysis

NA

Supporting Documents

Technical data sheets

Reference Standard

NA





CATEGORY INNOVATION



INNOVATION (BREEAM ES NEW CONSTRUCTION 2015 y BREEAM ES HOUSING 2020)

Objective	Incentivise innovation within the construction sector through the recognition of improvements in the area of sustainability that are not rewarded through the Standard Requirements.
Compliance Data	<p>NOFER can contribute to meeting the exemplary level in the following requirements:</p> <ul style="list-style-type: none"> AG 1, Water consumption <p>NOTE: See exemplary level criteria defined in the corresponding requirement.</p>
Evaluation procedure	<p>Up to a maximum of 10 Innovation Points can be earned through a combination of the following options:</p> <p>Exemplary level in existing Requirements Some BREEAM credits give the option to earn extra points for demonstrating exemplary efficiency through the achievement of the exemplary level criteria defined in those credits.</p> <p>Approved innovations An extraordinary point may be earned for each BREEAM ES Approved Innovation Application provided that the criteria defined in an approved innovation application form are met.</p>
Example of analysis	NA
Supporting Documents	<i>See Corresponding Requirements</i>
Reference Standard	<i>See Corresponding Requirements</i>