



Green Building Certifications

Green Building Certifications



Green Building - Definition

Sustainable construction, covering everything from selecting **suitable construction locations** to specially **chosen materials**, increased **energy efficiency**, and **certified interiors**. The guiding principle of sustainability ideally covers the **whole life cycle** of a **building**. "Green" buildings are therefore characterized by a **high-quality ecological design** and **superior resource efficiency** in the areas of **energy, water** and **materials**.

According to an internal survey*, these are the **most important** Green Building Certifications for **Hansgrohe**:



LEED

LEED stands for Leadership in Energy and Environmental Design.

It is an **American system** and was developed in 1998.

Buildings are assessed by awarding **points** for **criteria** like **water efficiency**. Depending on the achieved points, the buildings are classified into **four levels**.



BREEAM

BREEAM stands for the Building Research Establishment Environmental Assessment Method.

It was developed in the **UK** in 1990.

BREEAM uses a simple **points system** to award a quality seal at four levels in **eight assessment categories** among others also **water**.



DGNB DGNB

DGNB stands for **German Sustainable Building Council** and was founded in 2007.

Buildings are assessed by a point system with **six categories** among others also **Ecology**.

Depending on the achieved points converted into percent, the buildings are classified into **four levels**.

Green Building Certifications



LEED

Buildings are assessed by awarding points for six criteria with a total number of 110 possible credits. Depending on the achieved points, the buildings are classified into four levels:

- Platinum = 80+ points
- Gold = 60+ points
- Silver = 50+ points
- Certified = 40+ points



BREEAM

The evaluation illustrates performance across 21 indicators with a total number of 145 possible credit points in four themes:

- Outstanding ≥ 85% score
- Excellent ≥ 70% score
- Very Good ≥ 55% score
- Good ≥ 45% score
- Unclassified ≥ 30% score



DGNB

The DGNB rating comprises six assessment categories, which can be applied to all types of buildings and infrastructure. The total number of possible credits is 860 and there are four levels, which can be achieved:

- Platinum fulfillment = 65% - 80% degree of fulfillment
- Gold fulfillment = 50% - 65% degree of fulfillment
- Silver fulfillment = 35% - 50% degree of fulfillment
- Bronze fulfillment = 0% - 35% degree of fulfillment

Where does Hansgrohe stand?

Hansgrohe provides you with the relevant product information to support you in your certification process.




The maximum number of credit points achievable within the assessment category "Water Efficiency" for Hansgrohe are **4.1 points***.

*4.1 points are the maximum contribution and cannot be achieved by all products, just by those which fulfill the appropriate criteria.




Hansgrohe can contribute points in the category "Water" with its products.

Hansgrohe can contribute points in the category "Water Efficiency" with its products.

Flow rate requirements per product category

	LEED	BREEAM	DGNB	EU Taxonomy
 Showers	50% reduction 4.7 l/min 40% reduction 5.7 l/min 35% reduction 6.2 l/min 25% reduction 7.1 l/min Baseline 9.5 l/min	Level 5 3.5 l/min Level 4 4.0 l/min Level 3 6.0 l/min Level 2 8.0 l/min Level 1 10.0 l/min Baseline 14.0 l/min	Max 8 l/min	SC 6 l/min DNSH 8 l/min
 Basin Mixer (Privat)	50% reduction 4.2 l/min 40% reduction 4.9 l/min 35% reduction 5.4 l/min 25% reduction 6.2 l/min Baseline 8.3 l/min	Level 5 3.0 l/min Level 4 3.75 l/min Level 3 4.5 l/min Level 2 7.5 l/min Level 1 9.0 l/min Baseline 12.0 l/min	Max 6 l/min	SC 6 l/min DNSH 6 l/min
 Basin Mixer (Public)	50% reduction 0.9 l/min 40% reduction 1.1 l/min 35% reduction 1.2 l/min 25% reduction 1.4 l/min Baseline 1.9 l/min			

Flow rate requirements per product category

	LEED	BREEAM	DGNB	EU Taxonomy
 Kitchen Mixer	50% reduction 4.2 l/min 40% reduction 4.9 l/min 35% reduction 5.4 l/min 25% reduction 6.2 l/min Baseline 8.3 l/min	Level 5 5.0 l/min Level 4 5.0 l/min Level 3 5.0 l/min Level 2 7.5 l/min Level 1 10.0 l/min Baseline 12.0 l/min	Max 6 l/min	SC 6 l/min DNSH 6 l/min
 WC	50% reduction 3.0 l/f 40% reduction 3.6 l/f 35% reduction 3.9 l/f 25% reduction 4.5 l/f Baseline 6.0 l/f	Level 5 3.0 l/f Level 4 3.75 l/f Level 3 4.0 l/f Level 2 4.5 l/f Level 1 5.0 l/f Baseline 6.0 l/f	Max 6 l/f	To be clarified
 Urinal	50% reduction 1,9 l/f 40% reduction 2,3 l/f 35% reduction 2,5 l/f 25% reduction 2,9 l/f Baseline 3,8 l/f	Level 5 0,0 l/f Level 4 1 l/f Level 3 2 l/f Level 2 4,0 l/f Level 1 8,0 l/f Baseline 10,0 l/f	Max 2 l/f	To be clarified

EU-Taxonomy

What is it about?

It is a framework of **six environmental objectives** designed to assess whether an economic activity makes a significant contribution **to sustainability**, in particular to

- climate change
- mitigation
- adaptation

Where does Hansgrohe stand?

3505 SKUs already meet the EU Taxonomy Standards, **plus 141 SKUs** and **novelties in 2023**.

	EU TAXONOMY				Existing SKUs amended to 8 l/min in 2023
	Faucets	Kitchen faucets	Showers		
	SC = DNSH		SC	DNSH	
	< 6 l/min		< 6 l/min	< 8 l/min	
Amount of SKUs					
EU Assortments	3.343	91	22	49	141 +
Country Assortments	1.282 (AUS, CN, JP, US, SGP)	79 (AUS, CN, SGP, US)	52 (US, SGP)	370 (US, SGP)	-

Existing Hansgrohe Taxonomy Portfolio (hansgrohe + AXOR)

"3 level test"		
1.	MS: Minimum safeguards (social)	
2.	SC: Substantial contribution	
3.	DNSH: Do no significant harm	
Flow rates		
SC / Activity		DNSH
✓	Faucets ≤ 6l Showers ≤ 6l	✓
✗	Faucets ≤ 6l Showers ≤ 8l	✓
✗	Faucets > 6l Showers > 8l	✗



Investors, banks and insurances looking for EU Taxonomy compliant activities in construction must make sure that the project only uses products which are in line with the relevant criteria based on a "3 level test". This includes specific flow rates for bathroom and kitchen faucets, as well as showers



LEED



The LEED certification system (Leadership in Energy and Environmental Design) relates to all phases of the life cycle.

Buildings are assessed by awarding points for six criteria with a total number of 110 possible credits. Depending on the achieved points, the buildings are classified into four levels:






- Platinum = 80+ points
- Gold = 60+ points
- Silver = 50+ points
- Certified = 40+ points

The maximum number of credit points achievable within the assessment category "Water Efficiency" **for Hansgrohe are 4.1 points***.



Flow rate requirements per product category

See details of available portfolio on the [hansgrohe website](#)

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AXOR

hansgrohe

BREEAM



BREEAM



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The evaluation illustrates performance across 21 indicators with a total number of 145 possible credit points in four themes:

- Outstanding ≥ 85 % score
- Excellent ≥ 70 % score
- Very good ≥ 55 % score
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Hansgrohe can contribute points in the category "Water Efficiency" with its products

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Flow rate requirements per product category

*See details of available portfolio on the [hansgrohe website](#)

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DGNB 

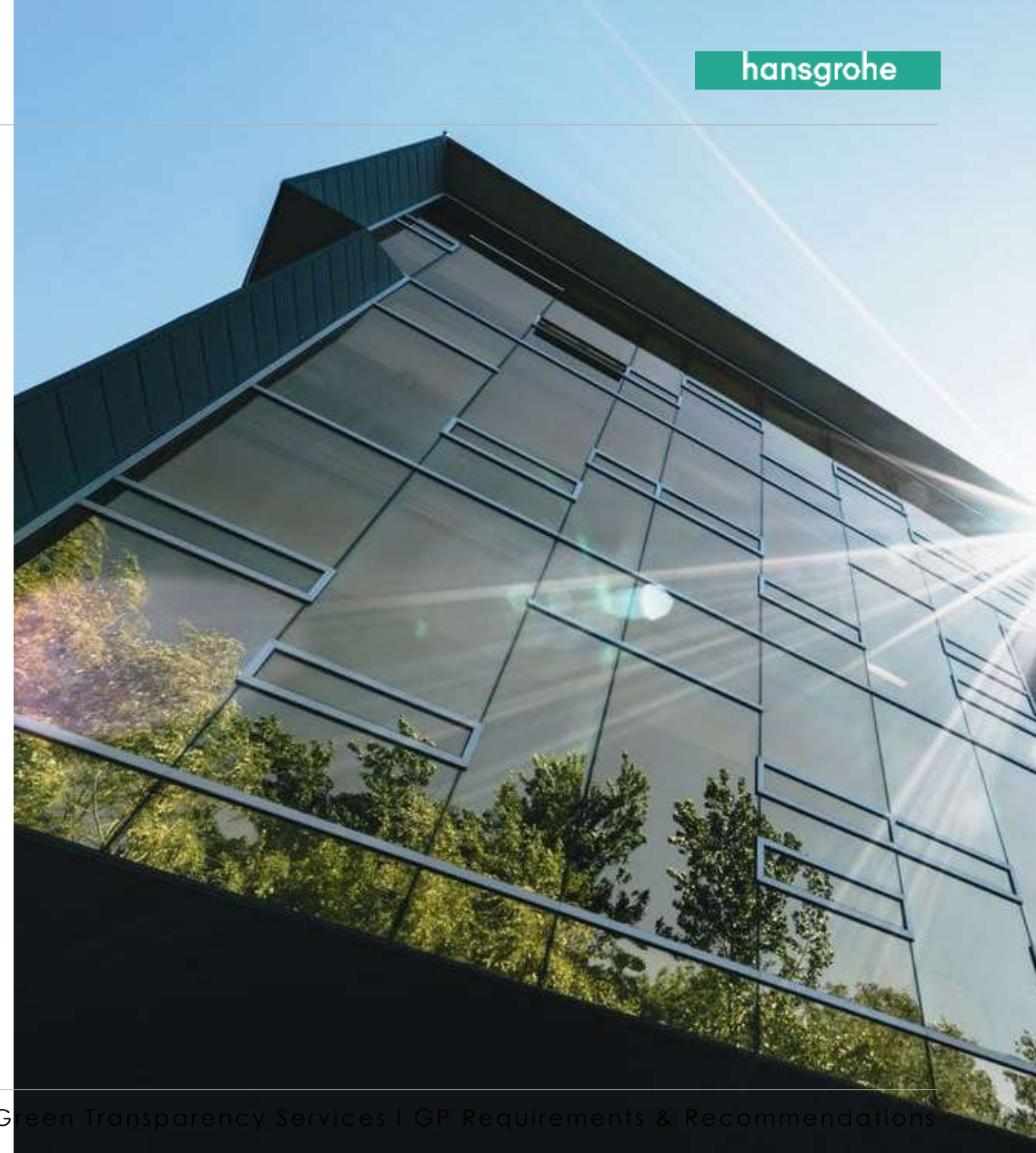
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Hansgrohe can contribute points in the category "Water Efficiency" with its



Flow rate requirements per product category

*See details of available portfolio on the [AXOR website](#)

LEED	BREEAM	DGNB	EU Taxonomy
 <p>Showers</p>	 <p>Basin Mixer</p>	 <p>Kitchen Mixer</p>	 <p>WC</p>
<p>Max 8 l/min</p>	<p>Max 6 l/min</p>	<p>Max 8 l/min</p>	<p>Max 6 l/f</p>
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