

## Declaration of performance

### No 075 – LSW System Leube

1. Unique identification code of the product type:  
**Noise protection facility according to EN 14388**  
The building product is identified by the item number in combination with the dimensioning documentation.
2. Intended use:  
**Highly absorbent noise protection facility for reducing noise along traffic routes, absorptive on one or both sides**
3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required according to article 11, par. 5:  
**Leube Betonteile GmbH & Co KG, Glemmerstraße 31, 5751 Maishofen**  
Phone: +43 6542 / 80 400-0, Email: [betonteile@leube.eu](mailto:betonteile@leube.eu)
4. System or systems for evaluation and verification of performance reliability for the building product according to annex V:  
**For noise protection facilities: System 3**
5. The notified body  
**MFPA Leipzig GmbH**  
**Hans-Weigl-Str. 2b, 04319 Leipzig, (NB 800)**  
has performed the initial type testing of the noise protection facility in accordance with system 3 and issued the test reports No. PB 2.1/12-258-1 FASETON Block  
No PB 2.1/12-666-2 FASETON Welle  
No PB 2.1/12-666-1 FASETON Hohlwelle  
No PB 2.1/12-666-3 FASETON Pilz
6. Declared performance  
**See Annex A**
7. The performance of the product in accordance with number 1 and 2 corresponds to the declared performance in accordance with number 6. The manufacturer specified in number 3 is solely responsible for issuing this declaration of performance.

Signed for the manufacturer and on behalf of the manufacturer:

Peter Kerschbaumer, managing director  
(Name and position)

Maishofen, 01.June 2021  
(Place and time of execution)

**Leube**



(Signature)

Leube Betonteile  
GmbH & Co KG  
Glemmerstraße 31  
5751 Maishofen  
Österreich

[www.leube.eu](http://www.leube.eu)



## Annex A:

Significant characteristics	Performance FASETON Block	Performance FASETON Welle	Performance FASETON Hohlwelle	Performance FASETON Pilz	Harmonised technical specification
Sound absorption $DL_{\alpha}$	> 4 dB, Group A2 > 8 dB, Group A3 EN 1793-1	> 8 dB, Group A3 EN 1793-1	> 11 dB, Group A3 EN 1793-1	> 11 dB, Group A3 EN 1793-1	
Airborne sound insulation $DL_R$	> 24 dB, Group B3 - EN 1793-2				
Resistance to loads					
Self weight					
Wet	reduced wet weight				
Dry					
Maximum normal load (90°) an acoustic panel can withstand (wind and static load)	3.20 KN/m <sup>2</sup> - EN 1794-1 resp. acc. to statistics				
Maximum vertical load a panel can withstand (loads from panels above)	NPD				
Maximum normal load (90°) a structural element can withstand (due to wind, static external and self weight)	Weight-bearing elements are not part of the product				
Highest bending moment a structural element can withstand (dynamic loads from snow clearance)	Weight-bearing elements are not part of the product				
Maximum normal load (90°) an acoustic panel can withstand (dynamic loads from snow clearance)	10 KN / (2m x 2m) - EN 1794-1 15 KN / (2m x 2m) - EN 1794-1				
Resistance to impact from stones (resistance to stone impact)	Class 4 – EN 1794-1				
Risk of falling debris	Class 4 – EN 1794-2				
Resistance to brush fire	Class 3 – EN 1794-2				
Durability	NPD				
Acoustic parameters					
Change in sound absorption $DL_{\alpha}$ after (5, 10, 15 and 20 years)	NPD				
Change in airborne sound insulation $DL_R$ after (5, 10, 15 and 20 years)	NPD				
Non-acoustic parameters					
Resistance to de-icing salt	Passed test (mass loss > 10%)				
<b>Geometric data, structural design and mechanical stability see dimensioning documentation.</b>					
					EN 14388:2015

