

Primus blue Shower drain system

HL540Prblue

HL541Prblue

QUALITY FROM AUSTRIA

HL HUTTERER & LECHNER GMBH

EASY & SAFE



HL541Prblue-I



HL540Prblue-I



HL540Prblue / HL541Prblue system



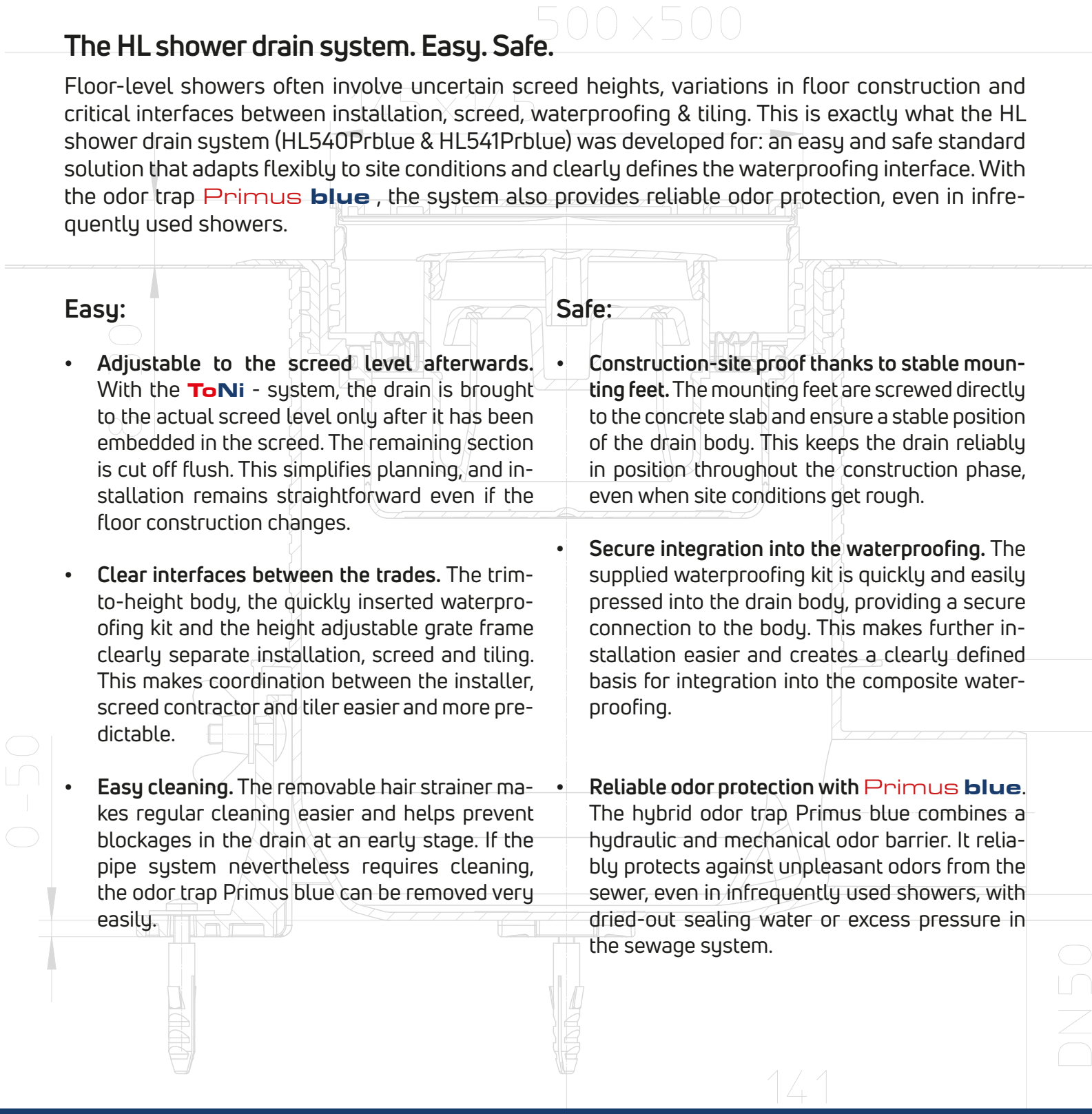
HL540Prblue-Q



HL540Prblue

The HL shower drain system. Easy. Safe.

Floor-level showers often involve uncertain screed heights, variations in floor construction and critical interfaces between installation, screed, waterproofing & tiling. This is exactly what the HL shower drain system (HL540Prblue & HL541Prblue) was developed for: an easy and safe standard solution that adapts flexibly to site conditions and clearly defines the waterproofing interface. With the odor trap Primus **blue** , the system also provides reliable odor protection, even in infrequently used showers.



Easy:

- **Adjustable to the screed level afterwards.** With the **ToNi** - system, the drain is brought to the actual screed level only after it has been embedded in the screed. The remaining section is cut off flush. This simplifies planning, and installation remains straightforward even if the floor construction changes.
- **Clear interfaces between the trades.** The trim-to-height body, the quickly inserted waterproofing kit and the height adjustable grate frame clearly separate installation, screed and tiling. This makes coordination between the installer, screed contractor and tiler easier and more predictable.
- **Easy cleaning.** The removable hair strainer makes regular cleaning easier and helps prevent blockages in the drain at an early stage. If the pipe system nevertheless requires cleaning, the odor trap Primus blue can be removed very easily.

Safe:

- **Construction-site proof thanks to stable mounting feet.** The mounting feet are screwed directly to the concrete slab and ensure a stable position of the drain body. This keeps the drain reliably in position throughout the construction phase, even when site conditions get rough.
- **Secure integration into the waterproofing.** The supplied waterproofing kit is quickly and easily pressed into the drain body, providing a secure connection to the body. This makes further installation easier and creates a clearly defined basis for integration into the composite waterproofing.
- **Reliable odor protection with Primus blue.** The hybrid odor trap Primus blue combines a hydraulic and mechanical odor barrier. It reliably protects against unpleasant odors from the sewer, even in infrequently used showers, with dried-out sealing water or excess pressure in the sewage system.

HL540Prblue - Technical details:

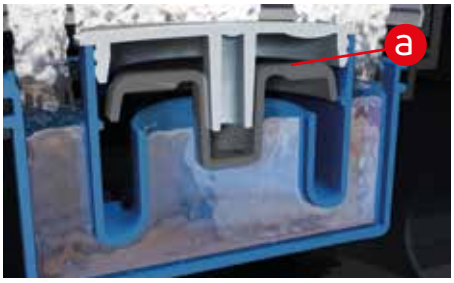
Outlet: DN50 horizontal
Installation height: 80 mm to 250 mm
Drainage capacity: 0,80 l/s (HL540Prblue-I: 0,70 l/s)

HL541Prblue - Technical details:

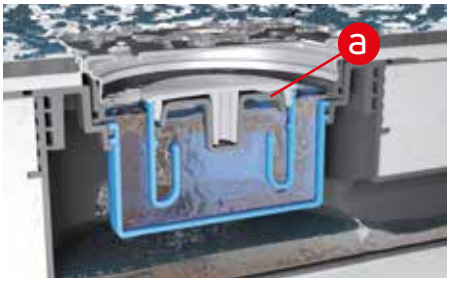
Outlet: DN40/50 horizontal
Installation height: 62 mm to 230 mm
Drainage capacity: 0,50 l/s (HL541Prblue-I: 0,45 l/s)

Primus **blue** - reliable protection against bad smells

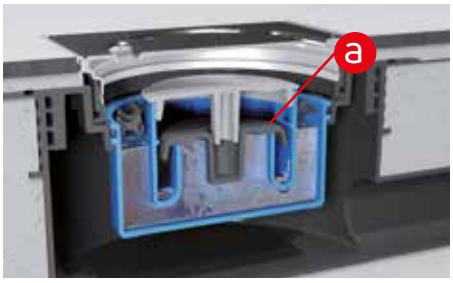
The odor trap Primus **blue** combines a hydraulic and mechanical odor barrier and therefore remains effective even when conventional odor traps reach their limits: in infrequently used showers, with dried-out sealing water, a sucked-out odor trap or overpressure in the sewage system. In addition, the system prevents backflow safeness against backflows of up to 50 cm water column.



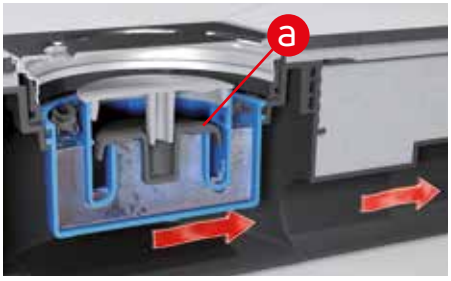
When the shower water drains away, the valve (a) is lifted by the water pressure.



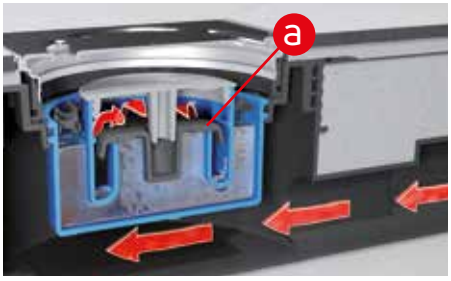
When the valve (a) is open, the water can drain away freely.



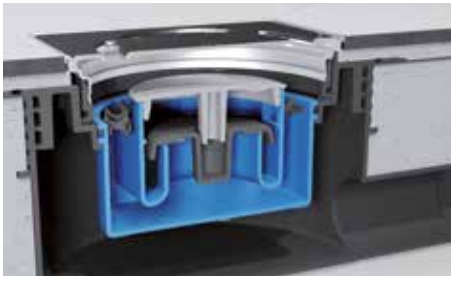
When the water supply stops, the valve (a) closes the valve seat; the sealing water remains in the trap.



If there is negative pressure on the sewer side, the sealing water together with the weight of the valve (a) prevents the trap from being siphoned dry.



If there is excess pressure on the sewer side, the valve fitting (a) is pressed against the valve seat and prevents sewage gases from escaping. Further advantage: protected against backflow.



When dry, e.g. due to prolonged non-use or surrounding underfloor heating, the mechanical odor trap guarantees permanent odor tightness.

Standards-compliant application: As a hybrid odor trap in accordance with EN 1253-8, Primus **blue** is suitable for all installation situations in accordance with EN 1253.

ToNi - always at **To**p **Ni**veau

With the **ToNi** - system, the drain can still be adjusted in height after the screed has been installed. This allows it to be adjusted to the top screed level afterwards and ensures it always remains at **To**p **Ni**veau even if the floor contruction changes.



Determine the drain position, place the installation template towards the drain pipe and mark the drilling points. Drill the holes and fix the drain body to the concrete slab using mounting angles and screws.



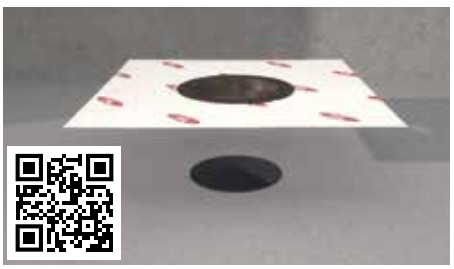
Create the floor construction with at least 2% slope in the screed.



After the screed has dried, cut off the protruding pipe flush with the screed.



Remove the cut-off pipe and insert the construction protection cover into the drain body or continue with installation of the waterproofing kit.



Insert the waterproofing kit into the drain. Apply waterproofing below and above the waterproofing kit (sandwich method), as well as throughout the shower area. Seal all connection points with sealing tapes provided on site.

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