



Pre-Fabricated Permanent Hob Formwork System

sbs smart hob[®]

smarthob.com.au



“We always use the Smart Hob, they are so much faster... It’s a really simple system that saves heaps of time.”

Jerry (Eltrax)

YOUR EASIER, SMARTER AND FASTER ALTERNATIVE TO CONVENTIONAL TIMBER HOB FORMWORK

BUILD SMARTER WITH SBS SMART HOBS

Complete your floors faster with an easier and smarter alternative to conventionally forming up timber hobs.

Cold formed steel hobs are manufactured to your site specifications, delivered to site, fixed to the slab and filled with concrete. Hobs are then tanked or sealed as required.

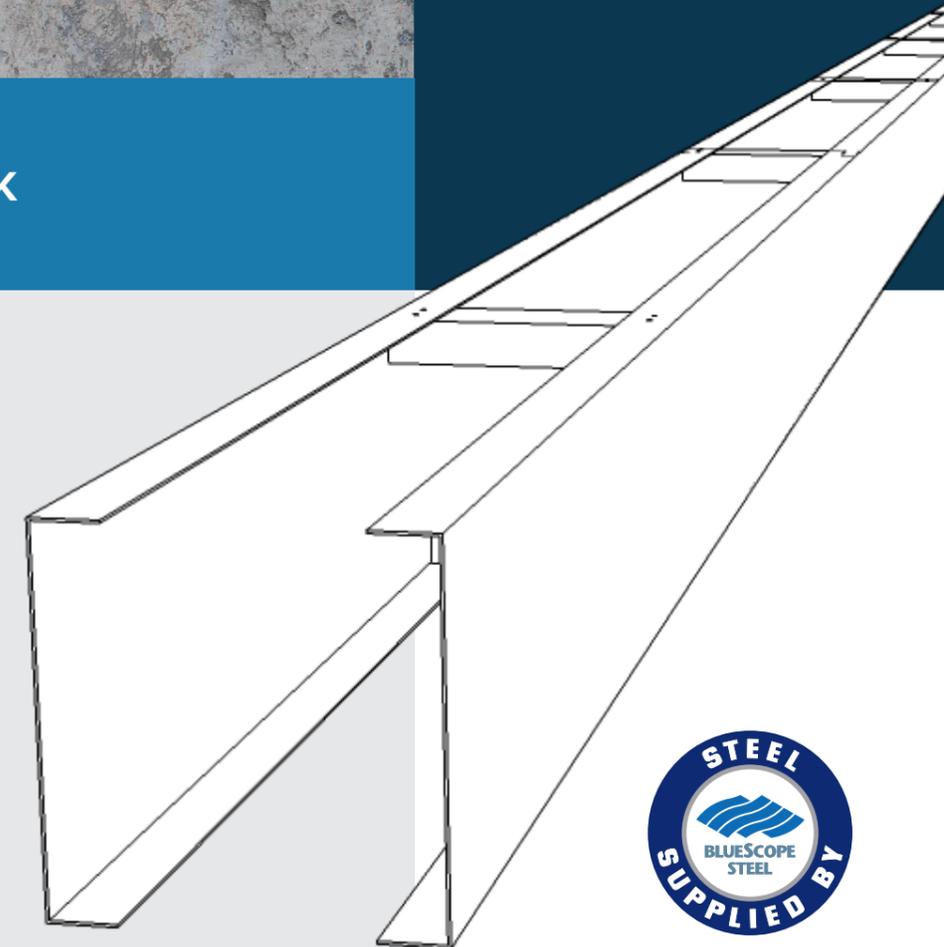
Remove the time and labour in waiting for concrete to set before returning to strip the timber, remove nails and patch hobs.

The SBS Smart Hob system is a registered design® and has been used for over 15 years in the Australian concrete formwork industry.

Benefits

- ✓ Hobs are straight and true – no warping or bending.
- ✓ No need for stripping or patching of set hob once temporary formwork has been removed
- ✓ Speeds up installation so you can hand over floors quicker

- ✓ Hob frames are light, strong and easy to join
- ✓ Windows, doorways and facades can be pre-measured earlier from hob framing before filled.
- ✓ Minimal material wastage on site
- ✓ Eliminates cleaning of hob formwork





STEP 1 / Manufacture and delivery



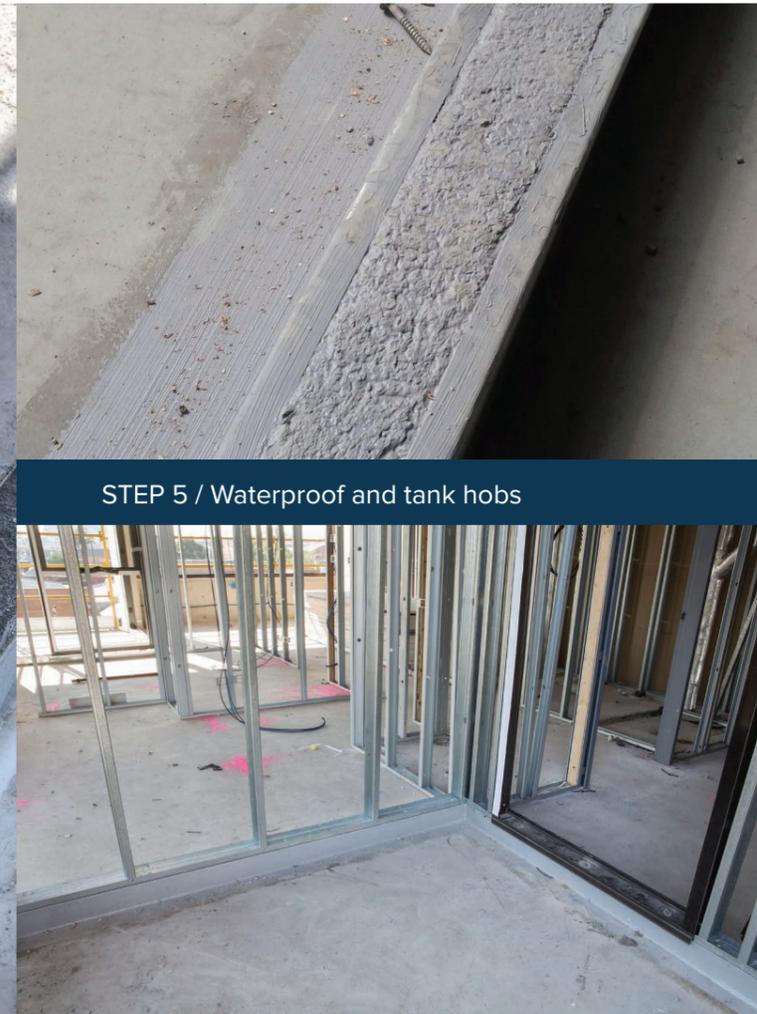
STEP 2 / Place hobs in the set out area



STEP 3 / Pin hob frames to concrete



STEP 4 / Fill hobs with concrete



STEP 5 / Waterproof and tank hobs

STEP 6 / Place window subsill on top of hobs

How it Works

1 Hobs are custom manufactured and bulk delivered to site

2 Place the hobs in the set out area

3 Pin the hob frames to the concrete by using washered drive pins. These are fired in by a ramset gun or similar

4 Fill the hobs with concrete and trowel off excess concrete, ready to be waterproofed and tanked

5 Waterproof and tank hobs as per manufacturers and building specifications

6 Place window subsill or similar on top of hobs and fix as required

"It's a system that is fast and cost effective...Time is money, use the Smart Hob"

Brad (Probuild Constructions)

"A very simple and effective system in creating a hob - easy to secure and manage...when it comes to a Smart Hob system, the name is more than apt."

Tony (Dewin)



PROJECT / Starward Distillery



PROJECT / 288 Albert

PROJECT / 448 Canterbury Rd, Dulwich Hill

Specifications

- Z275 galvanised material
- Any size available from 60mm-250mm
- Standard lengths 3600L.
Custom sizing 3000L or cut to any length up to 3600L
- Hobs can be installed on top of slab or in situ
- Tags are spaced at 600cc for fixing to the slab

Hob Leg Supports

The Smart Hob system can also be used when pouring hobs combined with the slab.

The leg support system allows you to install hobs in an easy one-step pour solution.

Regardless of the thickness of the proposed slab, hob supports are pre-fabricated to suit the required height, ready to be quickly fixed into place. This guarantees perfectly straight and accurate hob layouts.

How it works:

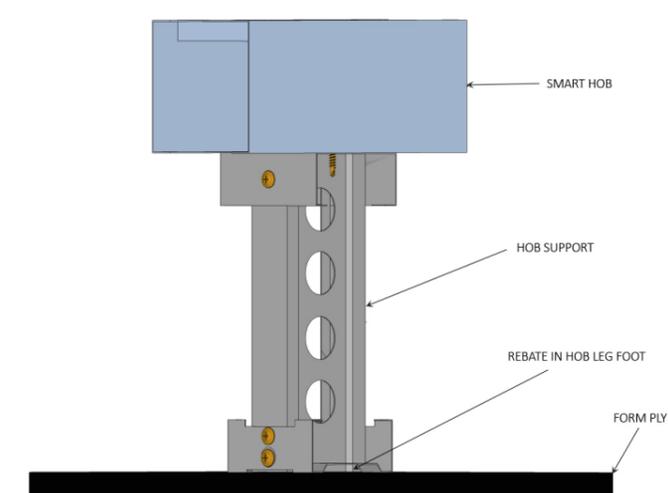
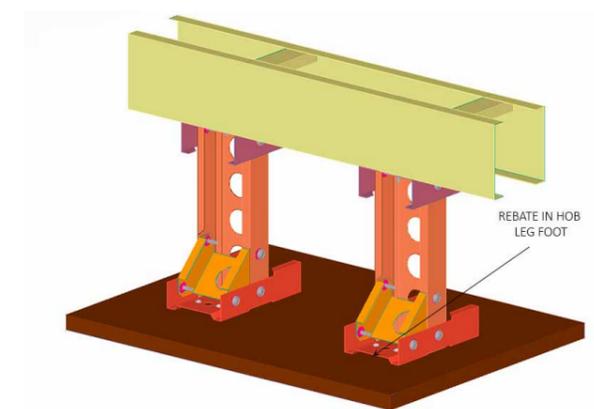
1. Using the pre-punched set out locator holes in the hob support, locate the position of the leg with a chalk line or laser
2. Screw the hob support leg into the flooring sheets
3. Line the Smart Hob over the pre-fabricated support leg mounting top plate and screw off the hob
4. Place any required reinforcing in the hob cavity to assist in tying the hob to the slab, ensuring a rigid engineered result

The whole concept makes the pouring of the hob in situ a unique streamlined time saving advantage.

Once the concrete is set, the pre-waterproofed and completed combined hob and slab is ready for any extra sealing or tanking that may be required.

Use the SBS Smart Hob Leg Support system to create an easy all in one step concrete poured alternative.

The Smart Hob Leg Support system has a patent pending.





PROJECT / 883 & 889 Collins Street, Melbourne

PROJECT / The Caulfield Apartments



PROJECT / EQ Tower

PROJECT / Marina Towers

PROJECT / Empire Apartments, MY80 and Lighthouse Tower

The Smart Hob system has been used on many projects throughout Australia by leading formwork and concrete companies.

Project Applications



Student Accommodation



Office Projects



Aged Care Facilities



Apartments



Hospitals

FAQ'S

What does a hob do?

The Smart Hob system is a fast and efficient way to create a water barrier between living and outdoor areas. The Smart Hob is used mainly in multi storey apartment complexes to separate the apartment and the balconies.

What length are the hobs manufactured?

The hobs are manufactured to standard 3.6m lengths. Custom sizes are made at 3m lengths.

What size are the Smart Hobs?

The Smart Hob can be manufactured to custom sizes to suit your requirements. We have a range of sizes with standard pricing available for faster turnaround.

Can the Smart Hob system be used on the edge of the slab?

The Smart Hob system can be used on the edge of slabs, however the hob has to be waterproofed on all sides exposed to the weather.

Are the Smart Hobs a finished product once installed?

No, the Smart Hob system needs to be tanked with a waterproofing membrane.

Are Smart Hobs waterproof?

The Smart Hob framing system becomes waterproof once standard waterproofing agents or membranes have been applied.

How do I waterproof the hob?

Once the hob is installed and filled with concrete, tank over the applicable top and side of the hob with a waterproofing membrane to seal it from water ingress.

How do we finish off the hob once it has been waterproofed?

Once the hob is waterproofed it is then ready for the substrate that is being used, i.e tiles, to be installed over the waterproofing.

Do I need to use reo in the hob?

Yes, you will need to insert starter bars vertically or horizontally into the hob, as per the structural engineers recommendations.

What centres are the tags at to fix the hob down to the concrete?

The hobs tags are offset at 600mm centres along the hobs for easy fixing to the concrete.



PROJECT / Balwyn T Apartments



PROJECT / The Longhouse



PROJECT / 99 Pleasant Road, Hawthorn



PROJECT / Maison Carnegie



PROJECT / Mosaica Apartments

PROJECT / Knoxia Townhouses

The Smart Hob system is designed and supplied by SBS Group.

Here at SBS Group, we design and manufacture light gauge steel framing systems to reduce project time lines and lower overall site costs.

Working with builders, contractors, developers and architects, traditional construction methods are replaced with smarter, easier and faster off site solutions.

All framing is manufactured using Bluescope's TRUECORE® steel, backed by a 50 year manufacturers warranty (subject to application and eligibility criteria).

Solve the challenges of today's construction industry by building smarter and with our 3D CAD integrated framing technology.



"Exceptional contractor, always looking to improve on their work and always offering workable alternative cost effective solutions."

Oscar (Construction Engineering)

"We would have no problem recommending SBS Group for their lightweight framing. From ease of installation to their after sales, care was fantastic - highly recommended."

David (Elite Cladding Solutions)



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"Simple to use, and it's quick - no stripping of formwork. The amount of work, and wasted material it takes to build a conventional hob, takes too long, is fiddly, and no one wants to pay for the labour it takes to build."

Scott (Empire Concrete & Formwork)

"The quality and huge range in sizes means that we can be confident in providing a finished product for the builder that is second to none. When quality and service is spot on....why go anywhere else?"

Darren (Kosta Concreting)