

Form-on smartPROPgo 20

Simply **strong.** *Incredibly* **light.**

**25 % weight reduction –
robust & lightweight.**

Optimised wall thickness with guaranteed
load capacity B/D compared to conventional
props in this class.

**Effortless operation –
efficient and ergonomic.**

Saves time and effort it is on site
for assembly and disassembly.

**CO₂ savings –
sustainable & economical.**

Optimisation of raw material and procurement
channels from production to transport.



Scan the QR-Code
to learn more.

Form-on

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Stability and comfort hand in hand.

Lightweight – less effort required.

Weighing just 12.3 kg/27.1 lbs (reference length 300 cm), the floor prop is up to 4 kg/8.8 lbs* lighter than conventional class B/D props. This enables ergonomic working, increases efficiency and reduces user fatigue.

Quality – stability and comfort in one.

Thanks to higher steel grades, thinner wall thicknesses, and 6 mm/0.236" head and base plates, maximum stability is ensured. Hole numbering, optimized thread pitch, and integrated crush and drop-out protection enable fast, safe, and comfortable use on the construction site.

Sustainability – reduced CO₂-emissions.

Resource-efficient production and lower weight not only reduce CO₂ emissions, but also save costs and time, both during transportation and when used on the construction site. The delivery is carried out bundled on a Euro pallet.

Variant	Length cm/ft.	P.U.	kg/lbs	Art. no.
20 250	148-250/4'10"-8'2"	48	11.0/24.3	620600000
20 300	173-300/5'8"-9'1"	48	12.3/27.1	620601000
20 350	198-350/6'6"-11'5"	48	14.7/32.4	620602000
20 400	223-400/7'4"-13'1"	35	18.6/41.0	620603000

Permissible load capacity kN/lbs as per EN 1065 class B/D

prop length m/ft.	250		300		350		400	
	bottom	top	bottom	top	bottom	top	bottom	top
4.0/13'1"							21.1/4744	23.4/5261
3.9/12'9"							22.7/5104	25.3/5687
3.8/12'5"							24.2/5441	27.3/6139
3.7/12'1"							25.9/5825	29.5/6631
3.6/11'9"							27.7/6227	31.5/7082
3.5/11'5"					21.3/4789	23.9/5372	29.5/6631	
3.4/11'1"					22.9/5149	26.1/5870	30.6/6878	
3.3/10'9"					24.6/5531	28.5/6406	31.0/6971	
3.2/10'5"					26.5/5956	31.1/6993	31.1/6993	
3.1/10'2"					28.5/6406		31.1/6993	
3.0/9'11"			21.7/4878	24.3/5464	30.4/6833		31.2/7016	
2.9/9'6"			23.0/5172	25.9/5825	31.0/6971		31.3/7038	31.8/7149
2.8/9'2"			24.4/5486	27.7/6227	31.0/6971		31.4/7061	
2.7/8'11"			25.9/5825	29.4/6608	31.0/6971		31.7/7127	
2.6/8'6"			27.3/6139	31.2/7016	31.1/6993	31.8/7149		
2.5/8'2"	29.5/6631		28.9/6496		31.2/7016		31.8/7149	
2.4/7'10"			30.3/6811		31.5/7082			
2.3/7'6"			30.9/6948					
2.2/7'2"			31.1/6993					
2.1/6'10"			31.3/7038	31.8/7149	31.8/7149			
2.0/6'6"			31.7/7127					
1.9/6'2"	31.8/7149	31.8/7149						
1.8/5'10"			31.8/7149					
1.7/5'7"								
1.6/5'3"								
1.5/4'11"								

* compared to conventional props in class B/D (reference variant: 20 300).

TECHNICAL SPECIFICATIONS

Load capacity:

20 kN at any extension length.

Up to 31.8 kN depending on extension length. 6 kip (6,000 lbs.) at any extension length with FoS 3:1.

Standard:

EN 1065 class B/D & ANSI certified

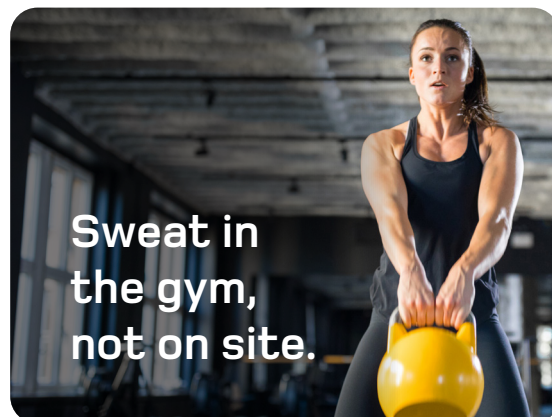
PRODUCT CARBON FOOTPRINT

smartPROPgo 20 300

CO₂eq & EOL

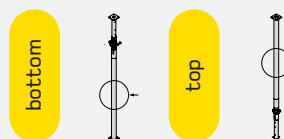
77.95 lbs/pc. | 35.36 kg/pc.

Learn more: form-on.com/us/pcfinfo



Permissible load capacity (kN/lbs) depending on extension length and outer tube position (as per general building inspectorate approval Z-8.311-1013)

Position
Outer tube



Subject to change in the course of technical development.

We supply formwork.
Easy. Fast. Transparent.

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