



## Hollow Core & Preslabs

### Precast Hollow core slabs

Precast prestressed hollow core slabs are manufactured mechanically over heated steel beds and then cut to the required lengths. It offers, besides the friendly environmental fabrication process, the following known prefabrication benefits:



- Speed of site erection
- Absence of any intermediate propping
- Top and bottom volumes ready for other trade works upon casting of the 6 cm concrete topping



- Semi, if not totally finished soffit
- Voids available for services (electricity etc)
- This type of slab is strongly recommended for spans of 6 m up to 15 m and can sustain heavy loads



### LIFTING HOOKS



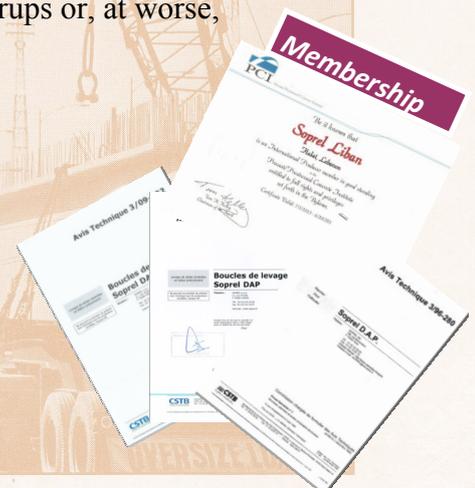
To make things even more attractive, SOPREL came up with the “**LIFTING HOOKS**” approved system that offers the following bonus:

Ease of handling, both during offloading and site erection.

More importantly, the structure integrity is preserved since, with the standard process, the slab has to be ripped after offloading to enable the removal of belts causing either the distortion of the stirrups or, at worse, their removal.

### Preslabs

Preslabs could come either as reinforced concrete planks of generally a width of 240 cm and spans of 4 up to 6m or prestressed concrete planks in standard 240cm width and spans of usually 6 to 10m both need intermediate adequate propping, no formwork and could sustain the designed load after the complementary reinforcing steel and concrete additional topping are completed.



# References



**CITY MALL –DORA**



**CASCADE –TAANAYEL**



**CHIDDIAC –DORA**



**HOLCOM –NAHR BEIRUT**



**HOCHAR TOWER–AIN EL MRAISSI**



**SAIDA MALL –SAIDA**



**VERDUN HEIGHTS**



**ZAITUNAY BAY –SAINT GEORGES**



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**GRAY HOTEL –DOWN TOWN**



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DOWN TOWN**



**SURSOCH YARD–ASHRAFIEH**



**Soprel Liban Office**

**Soprel Liban Factory**

**Website**

Nakash – Tél : +961 4 444 511/ 512 - Fax : +961 4 444 513

e-mail: [soprelpt@soprel-liban.com](mailto:soprelpt@soprel-liban.com)

Halat– Liban Câble Road Tél : +961 9 44 88 60/1/2 - Fax : +961 9 44 71 71

e-mail: [contact@soprel-liban.com](mailto:contact@soprel-liban.com)

[www.soprel-liban.com](http://www.soprel-liban.com)