





ADVANTAGES & DISADVANTAGES OF ALUMINUM FORMWORK

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13. We have seen the photographs submitted by the learned Advocate on 13.12.2024 and we find that though it has been designed for intended purpose, it is essentially Aluminium Formwork, which is used for holding the concrete when it is poured in the cavity created by placing different formwork in a vertical or horizontal manner around the steel bars and once the concrete is poured and it sets in, the inner and outer plates are removed and again used in another sector or segment of the same building and therefore, to that extent it is definitely movable. Apparently, this is used in place of the old conventional method of supporting the casting of concrete for making walls, roof or floor by using shuttering made of wooden planks or iron plates. Whereas, by using this system, the entire shuttering is complete either vertically or horizontally, it becomes much easier and faster to pour the concrete inside the cavity for settling down and subsequently, the same plates are removed once they set in. Therefore, because of the use of this system, the construction becomes faster and it also has facility for dismantling once the concrete sets in.

14. An AFM which essentially is a shuttering to facilitate efficient and faster casting and therefore cannot ipso facto become mould. At this juncture, it is important to understand the difference between formwork and mould. Basically, a formwork is nothing but a shutter plate/shuttering