



Credit: Lotte Castle Winners Fore - NamuWiki - CC BY-NC-SA 2.0 KR



## MKT Resin Capsule VZ-P

### Anchoring columns to the foundation of the Lotte Castle Winners Fore, Osan, South Korea

The Winners Fore is a large-scale residential development by Lotte Castle, one of South Korea's leading brands for advanced housing construction. The project is part of Smart City Osan, developed by the Regional Housing Association to provide high-quality housing in one of the fastest-growing urban areas of Gyeonggi-do Province. The development comprises 1,672 mid-sized apartments distributed across 16 buildings, each 27 stories high and with 2 basement levels. Both basement levels accommodate the underground parking lots.

The project schedule is extremely tight, asking for innovative solutions. To accelerate construction, precast concrete columns are post-installed into a monolithic foundation slab that was cast and trowelled in a single pour. MKT VZ-P resin capsules combined with M24 threaded rods form chemical anchor connections that are fire-rated and approved for seismic loading. Upon completion in 2027, a total of approximately 5,000 capsules will have been installed.



<b>Product</b>	MKT Capsule anchor VZ-P
<b>Adhesive type</b>	2-component, styrene free
<b>Quantity</b>	5,000 pcs
<b>Application</b>	Anchoring columns to foundation slab
<b>Contractor</b>	Lotte E&C



Made in  
Germany



... a solid connection