



YACR

Busway Systems - Cast Resin IP68

YACR First Egyptian Cast Resin Busway

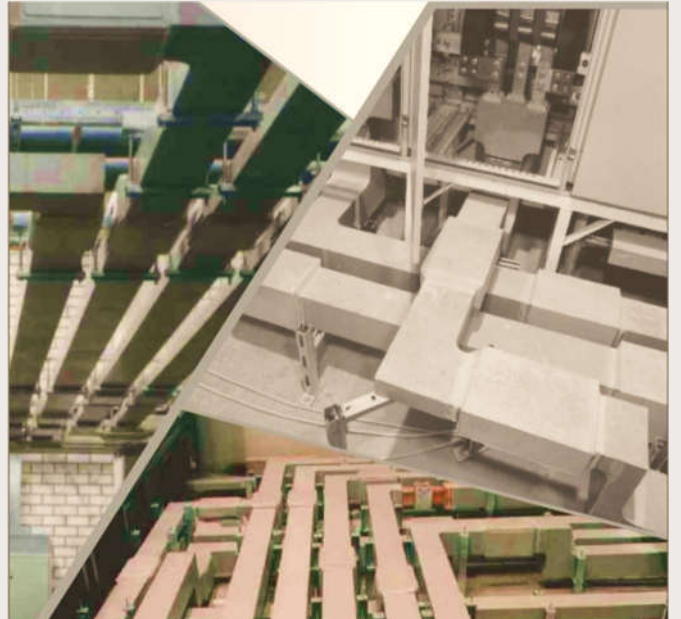
After more than **two decades** of deep and professional experience in **Busway** Installing, Maintaining, designing & manufacturing, with more than two years of focused and continuous research and development which led to the born of the first Egyptian Cast Resin Busway.

Design complying with IEC 61439- 1&6, with a vision of Delivering the Power Better.

YACR seeks the quality perfection throw perfect design and focused manufacturing details.

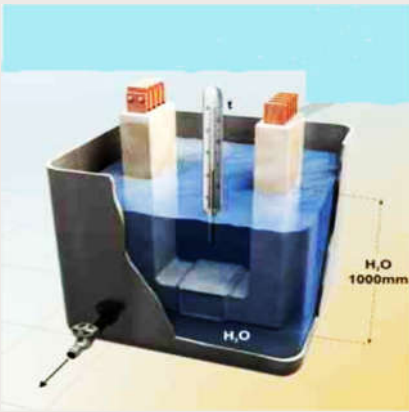
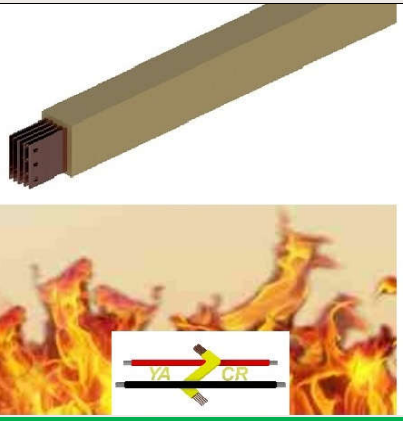


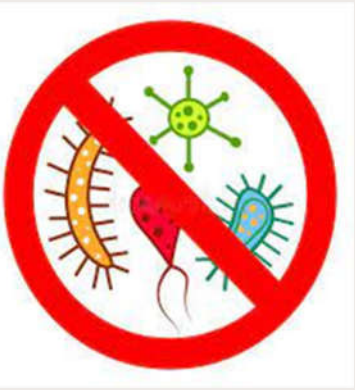

Thanks to the idea of pouring the resin mix over the conductor to build the Busway, optimally using the best of the Resin characteristics, uniquely creating a product that has marvelous features and capabilities.

Cast-Insulation Busway represent a reliably new technical solution in the field of safe energy distribution worldwide. Cast-Insulation Busway allow avoiding the use of open buses, cross-linked polyethylene and traditional air-insulated Busway at substations and power plants, and, thus, improving reliability and safety of connection, simplifying the installation, avoiding the additional maintenance costs and achieving the maximum compactness, which, in return, provides additional space for other equipment. Thus, an additional opportunity to reduce the cost of the building construction portion is created.





Advantages of Cast Resin Busway Than Regular Type

		
<p>Water & Moisture Resistance Real IP68</p>	<p>Fire Proof, Self-Extinguishing, Highly Resistant to Fire</p>	<p>IK10, using the great mechanical characteristics of the Resin mix.</p>
		
<p>Harsh Environment Resistance</p>	<p>Antibacterial & Antifungal.</p>	<p>Maintenance free</p>



Applications & Locations

Cast Resin Busway will optimally serve in the following applications and locations:

	
<p><i>Oil & Gas Plants & Facilities (Onshore/ Offshore).</i></p>	<p><i>All the Outdoor Application.</i></p>
	
<p><i>Chemical Facilities</i></p>	<p><i>Industrial Areas (where it requires high protection against fine corrosive particles like cement)</i></p>

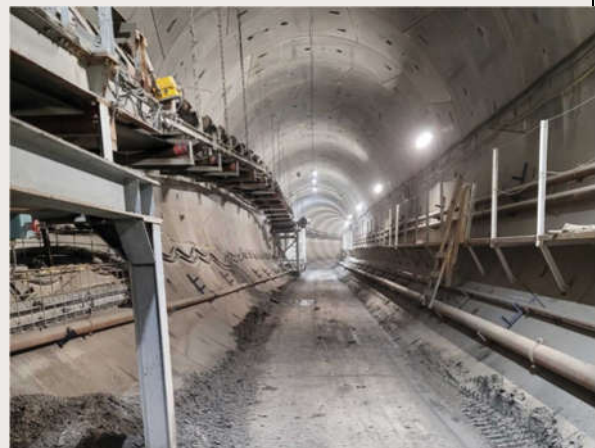


Applications & Locations

Cast Resin Busway will optimally serve in the following applications and locations:



***Electrical Room
in large ships and sea vessels***



Underground Tunnels.



***Harsh Environment Locations,
(Sea-Front Buildings and Outdoors,
Shipyards, Harbors and Desert
Locations)***



***High Hygiene
locations and facilities***



YACR offers the following			
Material	Cu or Al	Available Configurations	
Operating Voltage	Up to 1000Vac	Cu	4W
Current	500A - 6000A		5W
BIL	12 KV		4W + Al PE (=4.5W)
Frequency	50/60 Hz	Al	4W
IP	68		5W
IK	10	Manufactured to complying to the IEC 61439-1&6	
Altitude	>2000m		
Ambient Temp	from -15 to 50 C ⁰		
Humidity	0 - 100%		

Main Power Scheme

illustrating optimum use of Busway as feeder and distribution

