Insect-Like Architectural Pod Plugs Into Existing Buildings

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Fassadendurst is a B.Arch thesis project by Ralf Bliem, done at the Vienna University of Technology, Studio and Critic under Manfred Berthold. The project is a futuristic concept for dystopian architecture in an urban context, influenced by the behavior of insects berthing on a host.

The basic idea was to think about urban and industrial parasites and the transmission into architecture. The construction is able to move on the facade – trying to find the best spot to stay – always ready to move on. The main structure is provided by steel beams, which carry the large hydraulic system and are needed to connect the parasite among the existing building.
A parasite is located in all devisable areas, so the main structure and the hydraulic system are able to absorb seismic impacts to provide stability on different sites. The machinery houses a type of bio-mechanical heart, able to inject a chemical substance to rebuild the supporting structure of an existing building. Once the parasite places itself on an industrial or urban wreckage, it constantly tries to repair its host and keep the condition of it.
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