

A Powerful Team:

Clay Plaster Systems from Colfirmit Rajasil and Machine Systems from PFT



Timeless beauty: The use of clay plaster not only offers ecological and economic advantages; its outstanding feature is the creation of a cosy atmosphere and a pleasant indoor climate.

In the last few years, clay has enjoyed a renaissance as a building material. Gone are the times when clay was used only in the preservation of historic buildings, if at all; when images of pre-industrial production processes prevailed and clay construction had almost completely vanished from the curricula of vocational schools. There are good reasons for this revival, because clay, unlike any other building material, combines a remarkable variety of positive characteristics with regard to environmental compatibility, energy requirements and health-related aspects. Today, the world's oldest known building material is a modern and, in terms of ecology and construction biology, unobjectionable product, not least because of greatly extended technical possibilities.

On the basis of these insights and characteristics, Colfirmit Rajasil GmbH & Co. KG has developed the new Rajasil clay plaster system, a universal, additive-free product line for ecologically sound construction in interiors and/or protected exteriors, usable in both the restoration of historic buildings and the realisation



The Colfirmit Rajasil clay plaster systems are extremely easy to apply with the aid of a PFT machine system.

of new buildings with a personal touch. Another benefit is the fact that these products can be applied with the aid of work-

simplifying machines. The South German building machinery manufacturer PFT Putz- und Fördertechnik GmbH & Co. KG offers a profitable machine system for the application of clay plaster. In the field of mixing pumps, the PFT G 4 is the most widespread standard machine. Among the continuous mixing machines, it is the European champion in terms of economic efficiency. More than 50,000 machines sold speak for themselves. However, PFT's other types of mixing pumps, e.g. the further development PFT G 5, are also excellently suitable for the economical application of mostly coarse-grained dry clays.

With the aid of open systems, e.g. a PFT MULTIMIX compulsory mixer and a downstream conveying pump, such as a PFT N 2 V or a PFT ZP 3, every earth-moist clay plaster or mortar can be mixed homogeneously. Clay mortars delivered in an earth-moist state are an especially interesting alternative with regard to both ecology and economy. PFT machines can also be used to apply clay finish coats. For this purpose, the mobile conveying pump PFT SWING is recommended. In combination with a PFT spray gun for decorative plasters and a PFT air compressor, very nice surfaces with a uniform spray pattern, which do not require any subsequent treatment, can be created.



PFT G 4 mixing pump



PFT G 5 mixing pump



Machine combination: PFT MULTIMIX compulsory mixer and PFT N 2 V conveying pump



PFT SWING II conveying pump