

# Simply Natural – The Use of Clay as a Building Material Naturally Simple – PFT Machine Technology



The PFT G 5 can be separated into three transportable modules in a few movements, without the use of tools.

Clay, the world's oldest building material, is regaining popularity. Particularly in the rehabilitation of historic buildings, clay is distinguished by very concrete and practical advantages: Original surfaces, old ceilings and infill walls, and thus the character and charm of the building, can be preserved.

When PFT machines are used, traditional materials can easily be combined with state-of-the-art technology.

The application of clay with PFT equipment is simple and problem-free.

## Rehabilitation of an Old Building with Clay and a PFT G 5

This was also the case in the rehabilitation of an old house, built in the early 20<sup>th</sup> century, in Hildesheim (Lower Saxony). The task to be performed was a complete renovation of the flat on the third floor. A wall area of 350 square metres had to be plastered. The clay plaster used for both base coat and finish coat, Claytec Universal, was applied with the aid of the PFT G 5 all-round mixing pump – on the one hand because Claytec's profes-



The spray pattern shows the lively structure of a clay surface.

nals speak highly of PFT machines, on the other because of the modular design, which considerably facilitated the transport of the machine to the third floor through this inhabited building.



continued without any problems after an interruption of a day or even a weekend, according to Claytec. This saves a great deal of time and simplifies work organisation.

## Interior Plastering with Clay and a PFT SWING

The plastering of an attic flat, approx. 80 m<sup>2</sup> in area, in Kulmbach (Bavaria) with the aid of a PFT SWING proved that this small feed pump is also suitable for the application of clay.



The performance of a "big one" and the manoeuvrability of a "small one" – combined in one machine. Thanks to a width of only 65 cm, the PFT G 5 fits even through narrow doors.

Apart from the trouble-free application of clay plaster, there is another great advantage, concerning the cleaning of the machine and the hoses. In contrast to the use of ordinary plastering mortars, machines used with clay mortar need not be cleaned at the end of the day. Since clay mortar does not set in the machine or the hoses, the work can be

The plastering was done by Lehmbar, a business based in Rugendorf. On the recommendation of PFT partner trader BIV, Bindlach, a PFT SWING feed pump was used to apply the clay finish coat. Together with the PFT conveying hose, the PFT spray gun for decorative plaster and the PFT LK 400 compressor, this machine is very handy. The plasters created very nice surfaces with a uniform spray pattern, which did not require any subsequent treatment.



The used clay finish plaster went together well with the PFT equipment and left a neat spray pattern.

