



Service centre, Eichstätt

Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Foundations
Runtime	01.2021 - 03.2021
Principal	Martin Meier GmbH & Co. KG, Eichstätt

[Project report online](#)

www.porr-group.com



Foundation work for a new service centre in Eichstätt

while the team didn't hit bedrock at all in other parts of the site. In these areas, gravel pre-compaction was used to improve the soil, with the gravel being removed at a pile-setting depth of 10m. After the gravel pre-compaction process was completed, the pipes were driven back to the planned pile-setting depth, the pile toe was formed with dry concrete in the normal way, and the Franki piles were constructed.

A variety of applications for more sustainability

An asbestos cement pipeline running directly parallel to the construction site posed a further challenge. The team had to proceed carefully, taking vibration measurements above the pipeline in the first pile axis in order to be able to assess its behaviour. It is precisely in these conditions that the Franki piles offer so many advantages: Variable drop heights mean that production generates relatively little vibration, and the full displacement of soil means that there is no excavated spoil to extract. This saved transport costs and CO₂ emissions at the Eichstätt site.

Impressions



Image notes

1

Service centre, Eichstätt

Despite Siberian temperatures and tricky soil conditions with varying depths, a total of 190 Frankipiles NG® were successfully produced in Winter.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

PORR AG Group Communications

Absberggasse 47

1100 Wien

T +43 50 626-0

E-Mail: comms@porr-group.com