



insight.

Cellular rubber Cellular polyethylene Sponge rubber Fluid sealants Solid rubber Filter technology Special products

▶ **Polyethylene**
made by KÖPP
Block foam
production
running at full
speed

▶ **FIP(F)G**
Facilities
expanded,
market launch
secured

▶ **Quality
assurance**
Without QA,
you have
nothing at all

KOEPPCell®

**Keeping an eye
on new qualities**

▶ **Some "in-shape"
animals**
Polyethylene –
The creative material



Facilities expanded, market launch secured

As a contract foamer of precisely dimensioned and extremely durable FIP(F)G seals, we have been the largest service provider in this area for more than 20 years. In order to maintain and sustainably expand this top position, we have now taken over the entire machine fleet of FKS Flüssigkunststoffverarbeitungs GmbH as part of an asset deal. The machines include among others 1K-, 2K- and 3K foam plants and high-quality resin dispensers. This is how we can further expand our broad portfolio and also ensure quick reaction times in the future.

The previous Managing Partner of FKS, Konrad Schmid, will be working for KÖPP in the future and enhance our experienced team of experts assisting our Key Account Manager Markus Peitz, Peter Siemer, Jürgen Paul, Stefan Fenkart, Henry Dörsing and Andreas Wedding. Schmid thereby offers "his customers" continuity and is opening up new contacts for us in an interesting market sector.



Shake-Hands: Konrad Schmid and Achim Raab are in agreement.

"In taking over the FKS machines, we can now offer our customers a machine fleet that is unparalleled in the variety of its technologies and performance."

Markus Peitz, Key Account Manager FIP(F)G

Everything from one source: the right machine for every process

"There are virtually no standard solutions at all in the FIP(F)G area", affirms Key Account Manager Markus Peitz. "Every application makes its own individual demands, depending on usage, material or environment. Here it is our task as Experts in Foam to provide goal-oriented consultation and to show different solution channels. Our customers can rely on our many years of experience in matters involving sampling and prototype production. In addition, we can offer the widest range of technologies.

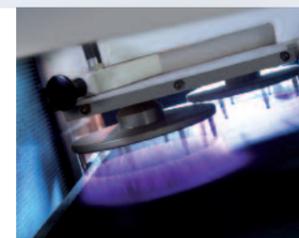
Thus, it is no problem for us, for example to attach a two-component PU gasket onto a workpiece and later to attach a display using single-component silicone," Peitz continues. In taking over the FKS machines, KÖPP can now offer its customers a machine fleet that is unparalleled in the variety of its technologies and performance.

An overview of the machines and plants:

- 3-axis CNC dosing machines with a loading platform (2K, 4K)
- 6-axis robot (1K, 2K)
- Foam plants and resin dispensers – silicone, PUR, hot PUR
- Low-pressure and vacuum resin dispensing plants (2K, 3K) – Hotmelt, silicone, PUR, Epoxi, etc.
- Silicone plants (1K, 2K)

Pre-treatment: different processes ensure adhesion

Reliable adhesion on the workpiece frequently requires the pre-treatment of the carrier material. It does not matter if it is aluminium, steel or plastic, we provide effective processes.



- 1K-primer using robots
- Corona treatment
- Plasma treatment
- Flame treatment
- Ionisation





**25 years
in Bovenden**

Once again, we can celebrate a 25-year service anniversary. For the company manager, that is always a special reason to be pleased because long affiliations with the company speak for customer satisfaction. With great pride, Henry Dörsing, Facility Manager in Bovenden, symbolically handed a well-filled basket to **Hans-Willi Marten**, who took over in hatch production in 1992 and is now contributing his own experience in the area of soft-rubber production. We congratulate Mr. Marten and wish him all the best, health and happiness.

Splitter

**KÖPPuccino:
just the essential bit
more powerful**

08/15? The Köppians do not want to “cop out” on that idea. Not meant literally or figuratively. Here the re-conceived coffee machines provide not only the typical standard varieties, but also the individually created KÖPPuccino. **Sascha Ruess**, sales representative, trained programmer and coffee aficionado has meticulously fashioned the mixture: a cappuccino with a touch less milk but instead a stronger touch of espresso; the usual airy milk foam to enjoy but also clearly more power. “More powerful and stronger... just like us”, is how Ruess describes it. “Tested and found to be perfect”, was the assessment of the *insight*. team.



A farewell

At the end of June, we said goodbye to our Plant Manager and esteemed colleague **Walter Koch** following his 29 years of affiliation with the company.

Walter Koch

Mr. Koch began work at the Bovenden branch plant as a technician and material tester on July 1, 1988. Starting on 05 November 1999, he was responsible for the organization of the work processes in the press department as Deputy Operational Manager.



Expert in foam

Over the years, Walter Koch became an absolute sponge rubber specialist who impressed others with his comprehensive expertise and was always there at our side. Effective 02.02.2004, Mr. Koch took over as Plant Manager in Bovenden, after the age-related retirement of the previous division manager Mr. Horst Peter. Since then Mr. Koch was responsible for technical

service and he also played a crucial role in promoting the expansion of the FIP(F)G division at our company. Walter Koch said goodbye to professional life on June 28, 2017. Mr. Henry Dörsing has become his successor in Bovenden in the meantime. We like to look back at the time we shared with Mr. Koch and extend to him our heartfelt wishes for all the best in the future.



Quality is no accident



“The rubber police” – that is what the employees of quality assurance would jokingly call themselves if they describe their sphere of duties and responsibilities. And that also characterizes it perfectly. That is because, as part of all of the control mechanisms, quality assurance is primarily one thing: “Friend and helper”: for colleagues in Development as well as in Administration and Production. Not least for our customers who receive a meticulously tested, high-quality product. And should this ever not be the case, you can rely on a detailed complaint processing.

**From development to goods shipment
Without QA, you have nothing at all**

Many steps until release

The seven employees in Quality Assurance are active countless times before a product leaves our warehouse. Monitoring and measuring equipment is located in-house.

That enables the QA employees to test the KÖPP-produced material in their own lab, e.g. density, water absorption, combustion rate, cell size, compression deflection, shore hardness, tensile strength or elongation after break. Thus, QA also meets the major tasks for Development, currently

reinforced as part of the range expansion of our PE grades. Mass production only begins after release by QA, often also following a thorough initial sampling. Particularly the automotive sector and its suppliers who require a detailed initial sample test report (ISTR).



**Test processes as planned
New software for “livable QA”**

This year, KÖPP installed “Babtec.Q”, an all-in-one software solution, which manages

all of the quality assurance activities. “A completely user-friendly product that QA makes absolutely tangible for us”, enthuses QA employee Anna Beyer. “It offers us even more secure control capabilities. We have everything in one system, possible

transmission errors completely disappear at measurement points. Our administrative work is decreasing considerably. All of this had the positive effect that we have more time for checks and tests that accompany production. A win all the way”.

KÖPP-ART



living
material

Wolfgang Herbst is getting PE into shape

A giraffe, gorilla, pelican or warthog. No animal is too exotic for Wolfgang Herbst for him to be able to carve it out of polyethylene. For over ten years, the artist from the Eifel region has been transforming PE by KÖPP into breath-taking animal sculptures. Mainly as attractive 3D target objects for archery. "At KÖPP, I find the ideal material for my sculptures. The KOEPPCELL® products are weather-resistant, form-stable and are great for shaping, thereby allowing presentations which closely reflect nature. And it turned out to be absolutely perfect for archery", enthuses Wolfgang Herbst.



That is because there are essentially no entrance holes due to the high elasticity because the material closes again after removing the arrow. If damages should ever result, one can quickly replace the

*Interest in a realistic animal sculptures?
We will be happy to arrange it.*

defective area with a new piece and even out the surface. Last but not least, the minimal weight of the material proved to be beneficial. Ultimately, the animals are usually placed on very rough terrain. It is hardly a surprise that the demand for his plastic sculptures has grown briskly in the past few years. Tradeshow booth builders and store owners discovered the beautiful animals as eye-catchers for themselves long ago. Thus, the former hobby of the artist is gradually becoming a full-time profession. That is because "I can work on an animal for up to 100 hours", Herbst reveals. He is still happy about every new challenge.



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solutions



in foam