



Become a FIP expert!

The hands-on workshop that makes you
a Foaming Industry Professional





HEAD OF WORKSHOP

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Sonderhoff Chemicals GmbH

The hands-on workshop that makes you a Foaming Industry Professional!

The FIP workshop will give you the knowledge and practice for using the Formed In-Place (Foam Gasketing) sealing technology for the automatic application of polyurethane foam gaskets, gluing and potting on industrial components. The focus is on the practical implementation at the mixing and dosing systems in our technology center. In many practical exercises, frequently asked questions and current cases from the day-to-day business are treated intensively. The workshop participants learn in small groups:

- ✔ Solving concrete cases independently
- ✔ Effective troubleshooting and debugging
- ✔ Tips & tricks for improving the output and performance of sealing, gluing and potting quality
- ✔ Preventive maintenance

The FIP workshop is especially designed for employees of plastics and metal processing companies, using the FIP (FG) sealing technology: machine operator, production manager, production and process technicians, maintenance personnel, quality inspectors and other interested parties.

The goal of this workshop is to make its participants fit as FIP experts in their workplaces. Small groups ensure high learning success off the hectic daily business as well as an intensive exchange of experience between the participants and Sonderhoff's specialists.

For registration of several persons of a company you get 5% discount for the second and 10% discount for the third participant!



Day 1

Get to know the basics of the FIP sealing technology

The first day of the workshop is dedicated to the FIP material and its properties as well as learning the basics and the process of FIP sealing technology. The participants are educated on the connection between material and equipment, the parameters and conditions for processing foam sealing and potting material with the mixing and dosing machines.

In order to get to know FIP the following topics will be covered:

- Material composition and properties of the 2-components foam sealing and potting products according to different applications
- Impact and process parameters on the material processing
- Troubleshooting and debugging
- Pretreatment methods for foam sealing on different substrates
- Quality assurance for optimal sealing and potting results



Evening get-together in the old town of Cologne

Here the participants will find the opportunity to exchange experiences, to continue the specialist talks and to make new contacts.



Day 2

Let's make you a FIP expert

The second day of the workshop is reserved for intensive practical exercises at the mixing and dosing systems in our technology center. Under the guidance of Sonderhoff's specialists the participants will independently implement the following topics in practice:

- Learning the elements of the low pressure mixing and dosing machines
- Disassembly and reassembly of the mixing head components
- Preparatory activities: metering, air loading (foam sealing), machine calibration etc.
- Create hand / machine samples (foam cones)
- Own machine programming for an exemplary component application
- Troubleshooting and debugging with wrong machine setting
- Pretreatment by means of primer, plasma or micro flaming for adhesion
- Preventive machine maintenance and cleaning wear parts
- Quality control under different impact conditions

The new FIP workshop for practitioners

- ✔ The FIP workshop from Sonderhoff for practitioners is a seminar in which the knowledge about FIP (FG) sealing technology is vividly and clearly conveyed. Interactive exchange of professional experience, problem solving and approaches for simple solutions will be promoted amongst the participants.
- ✔ High learning success through deliberately small groups, so that everyone has the maximum benefit, and one is undisturbed by the daily business.
- ✔ The participants, under the guidance of Sonderhoff's specialists, independently work on solutions for concrete application examples from practice with the Formed In-Place Foam Gasketing technology.
- ✔ Training as a FIP expert is an investment in your business and employees and helps to avoid machine downtimes as well as costs for production losses.

← Attached you will find the registration form.

Or as a PDF under:

www.foamingindustrypro.de

Please send the registration form by e-mail to:

f.kampf@sonderhoff.com



WORKSHOP DATE:

December 6-7, 2017

December 5-6, 2018

WORKSHOP VENUE:

Sonderhoff Services GmbH
Technologiezentrum

Mathias-Brüggen-Str. 126-128
D-50829 Cologne

Tel.: +49 221 956526-0



www.foamingindustrypro.de

sonderhoff

Registration form as PDF:
www.foamingindustrypro.de

Scan form and send it by e-mail:
f.kampf@sonderhoff.com

Sonderhoff Chemicals GmbH

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50829 Cologne

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The new
FIP workshop
from Sonderhoff
for practitioners

I OFFICIALLY REGISTER FOR THE FIP WORKSHOP:

- On 06 and 07 December 2017 990,- € plus VAT per person*
- On 05 and 06 December 2018 990,- € plus VAT per person*

*For registration of several persons of a company you get **5% discount** for the second and **10% discount** for the third participant!

PLEASE FILL IN COMPLETELY:

| | | |
|------------------------------|-----|-------|
| Surname | | Title |
| First name | | |
| Position | | |
| Company | | |
| Street | | |
| Post Code, location, country | | |
| Phone | Fax | |
| Cell phone | | |
| E-Mail | | |
| Date, signature | | |

INVOICING TO:

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| Company |
| Address |
| E-Mail |
| VAT No. |

PLEASE SUBMIT INVOICE:

- by E-Mail** by Post

** Legally authorised E-Mail Account

Privacy Policy

Your personal data will be used by Sonderhoff Chemicals GmbH for the purpose of written customer support (e.g. confirmation of registration). If you give us your E-mail address, you will occasionally receive e-mailings from us for same or similar events. At any time you have the option to reject the use of your data in writing to Sonderhoff Chemicals GmbH. The Sonderhoff Chemicals GmbH will not disclose your data to third parties for their commercial use.



Details for participation at the FIP workshop

1 WORKSHOP DATE:

December 6-7, 2017

December 5-6, 2018

2 WORKSHOP VENUE:

Sonderhoff Services GmbH
Technologiezentrum

Mathias-Brüggen-Str. 126-128
D-50829 Cologne

Fon: +49 221 956526-0

3 PARTICIPATION FEE:

The participation fee is 990,- € per person plus legal VAT.
The participation fee includes the following services for the booked period:

- ✔ Participation in the FIP workshop (2 days)
- ✔ Handout documents and participant certificate
- ✔ Refreshments in the breaks and lunch
- ✔ Participation in the evening get-together

4 REGISTRATION:

Please fill in the registration form and send it with your legally binding signature to: f.kampf@sonderhoff.com

The registration form can be found in the flyer or via the Internet at www.foamingindustrypro.de

Upon receipt of your application you will receive a written confirmation and an invoice, which is to be settled before the start of the event.

The full participation fee will be charged to you, in case of cancellation after the cancellation period (14 days prior to the event) or in case of non-attendance. However, a substitute participant may be addressed.

Cancellation before the aforementioned cancellation period will be charged with 150 € administrative expenses. All cancellations shall be made in writing.

The organizer reserves the right to change or even cancel at short notice the entire event.

Please note the **General Terms and Conditions of Sonderhoff Chemicals GmbH** under: www.sonderhoff.com