

DOYMA

The products. The services.
The people.



JUST SIMPLY SAFE





DOYMA

The products. The services.
The people.

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Trendsetting Competence Safety Experts Competence



Hans-Ullrich Ihlenfeldt
DOYMA company founder and
managing partner

**deceased on 12th of December 2019*

Experts for sealing and fire protection systems

“Key to success: Understanding the demands of installers and planners!”

“At the beginning, I dealt in sound insulation for heating systems”, Hans-Ullrich Ihlenfeldt, DOYMA company founder remembers. “There were no such products on the German market, yet: I imported these goods directly from Denmark. With success!

By taking a closer look at the building sector, I recognised an unsolved problem for planners and installers: The seals of building penetrations of piping! Such seals should be easy to install and seal off against humidity permanently.

Consequently, we developed an innovative professional system from fibre-cement pipe sleeves and a sealing gasket. A permanent and accurately fitting perfect solution. We have shown the new developments at the exhibition in Frankfurt in 1967. And it was a hit!”

Out of the consequently continued basic concept, DOYMA GmbH & Co. grew and continues writing their corporate success story.

DOYMA milestones

- 1960** Hans-Ullrich Ihlenfeldt becomes self-employed in Bremen
- 1969** The companies focus is placed on the production of pipe and building penetrations
- 1980** The company moves from Bremen to a brand new building in Oytten
- 1990** Mrs Ihlenfeldt-Wulfes joins the family business
- 1993** Mrs Kraas (née Ihlenfeldt) also continues her career in the family business
- 1995** Certification as per DIN EN ISO 9001: Introduction of a quality management system
- 1996** DOYMA is the market leader in Germany as supplier of sealing systems
- 1997** Quadro-Secura® enters the market for detached and semi-detached houses
- 2000** René Hartwig takes over as managing director
- 2003** DOYMA innovation “Curaflex® with DPS” sets new standards for sealing systems
- 2010** Fire protection systems become a mainstay of DOYMA business
- 2014** 4th hall is built (total floor space 9000 m²) and 150 persons are employed

Just simply safe



René Hartwig
*Corporate management
Dipl. industrial engineer
Managing director*



Kerstin Ihlenfeldt-Wulfes
*Finance management
Dipl. industrial engineer
Managing partner*



Tanja Kraas
*Human resources department
Wholesaler and export merchant
Managing partner*

Our credo: simply safe

DOYMA is a family business being continued in the second generation.

As a medium-sized company, we have the knowledge, skills and flexibility needed to offer our customers the greatest security:

Our sealing and fire protection systems protect against humidity, fire and smoke permanently and reliably. For this reason, we provide a 25-year guarantee on all DOYMA products.

We are proud of our corporate culture as we trust in the principle of “promote and prompt”:

We make room for ideas and independent actions by the employees.

Professional and social ability, will to work and dedication are success factors for excellent DOYMA market performances.

Great appreciation for individuals, flat hierarchies, continuous training and togetherness are firm building blocks of our corporate activities.

We are proud of the fact that our company is regarded as an attractive employer beyond the region. We recognise voluntary social activities, employee-friendly working time regulations and health promotion as a part of our social responsibility.

We commit ourselves to that every day. Today and in the future.

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*International projects
Luxury housing complex in Moscow*

International projects

Buildings

Pipes and cables from and into buildings could be compared to the arteries and veins in our body. Building owners insisting on the installation of DOYMA sealing systems for pipes and cables because it can save themselves a lot of problems; lack of attention to the points of entry of pipes and cables into the building can have serious results: damp cellars, equipment damaged by water ingress and high repair costs.

However, it is gradually becoming part of good practice to include sealing systems in standard specifications for buildings.

Selection of buildings where DOYMA products have been used:

- **Ministry of Defence**, London, Great Britain
- **Sunflower Tower**, Peking, China
- **Breitling Watches**, Switzerland

Power plants

Electricity is now everywhere. Reliability of supply is the top priority of power station operators. It is therefore no surprise that DOYMA is chosen to provide the sealing system for the entry points of pipes and cables. Our pipe and cable entry point sealing systems for supply and waste pipes are supplied to customers worldwide.

Selection of power plants where DOYMA products have been used:

- **Power Station Bern**, Switzerland
- **Jebel Ali Power Plant**, Dubai
- **Oslo Energi**, Norway
- **Gas Separating Plant**, Shlobin, Belarus

Airports

Airports are an important link in the worldwide transport system for people and goods. Airport buildings are available 24 hours a day to facilitate the necessary services associated with air travel – a fact we have come to take for granted. But fault-free operation is only possible when the entry points of all pipes and cables into the buildings are reliably and durably sealed to prevent moisture ingress.

DOYMA sealing systems have been installed in numerous international airports and thus contribute to securing a smooth flow of passenger and goods transport.

Selection of airports where DOYMA products have been used:

- **Heathrow**, London
- **Schiphol**, Amsterdam
- **Zurich**, Switzerland



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Competence from experience, continuity from passion

DOYMA stands in the front row when it comes to the development of innovative and practical solutions for sealing and fire protection systems.

The starting point of our work, however, is always the same: creating safe building penetrations for pipes and cables that seal off water, gases, fire and burnt gas.

We advance this highly specialised safety technology day after day. Experts in the building sector esteem our products for their high quality. In the long term, DOYMA products make sure the value of building is maintained and protected.

Consequent customer orientation, great reliability, excellent product quality and service orientation as well as sound technical advice with heart and understanding have turned DOYMA into the epitome of a premium brand name.

Today, the brand name DOYMA is a synonym for safe penetration technology and thus enjoys great trust from planners, tradesmen and specialised trades.



Curaflex® Konfix™ after installation at the building site

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Two-pillar strategy

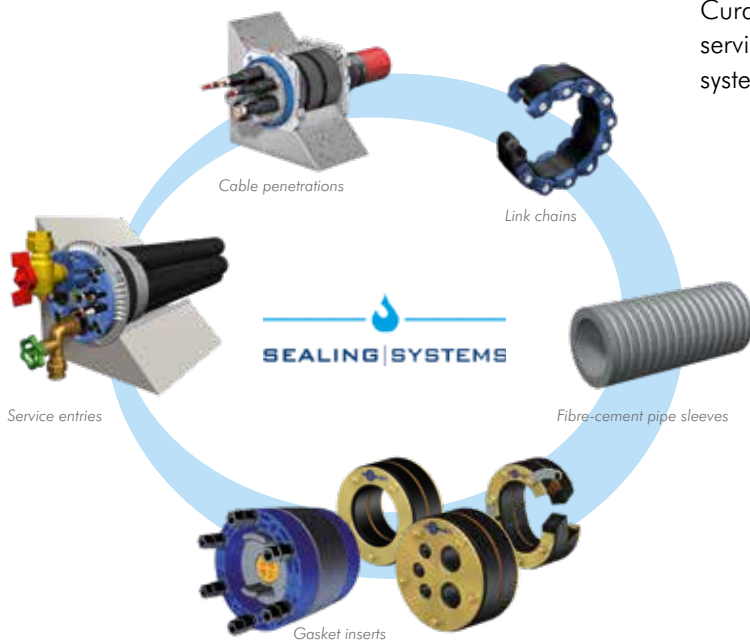
DOYMA products provide the highest level of safety when sealing buildings where pipes and cables pass through.

DOYMA sealing systems protect against damp and DOYMA fire protection systems protect against fire. Our company operates in these two clearly distinct specialist areas and, with its products, provides a maximum of reliability and quality.

This two-pillar strategy creates optimum transparency and orientation when choosing products; each product range has its own logo.

Fire protection systems are summarised in the Curaflam® product range. It comprises collars, wrapping tapes and sealing systems.

The sealing systems product range covers Curaflex® gasket inserts, Quadro-Secura® service entries, Curaline® cable penetration systems and link chains.



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Commitment

With commitment, we put the companies credo into practice:

Guaranteeing quality, reliability and safety for every single customer.

We operate in the three main specialist areas of civil engineering, building services technology and power supply and provide the market with:

- Sealing systems for pipes and cables
- Single- and multi-utility service entries for supply lines
- Fire protection products for preventative constructional fire protection

In both Europe and worldwide, industrial, business and private premises are being built with DOYMA products with the greatest of reliability.

DOYMA products set market standards for the safe, reliable and simply application. Our customers can rely on this trust.

For this trust, however, we invest sustainably: In products, continuous process optimisation, competent employees.



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“It’s fun working at DOYMA.”

“After my vocational training, I gathered work experience in a company for bookbinding machines. After that I worked as a (helicopter) mechanic for the German Armed Forces and did the 2-year training course to become a certified technician (construction). I liked working in the German Armed Force for 12 years.

DOYMA then gave me the chance to enter an entirely different field of activity.

As quality manager, today I make sure that, among others, the supplier products have the optimum quality – day after day. Cooperative leadership, teamwork and the trustworthy dealing with our suppliers is very important to me. I also like to bear responsibility.

That is why I have remained true to DOYMA as an employee for so long – 21 years after all – and the success story can happily be continued with me.... it’s fun working here ...”

Volker Landscheidt

Head of quality management
At DOYMA since 1992

DOYMA is certified in line with the quality management system DIN EN 9001: Certified in 2008. This certification is updated every three years.



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Precision
Competence Perfection
Research Safety engineering



Dr. Andreas Wulfes
Head of product development

Research for more safety

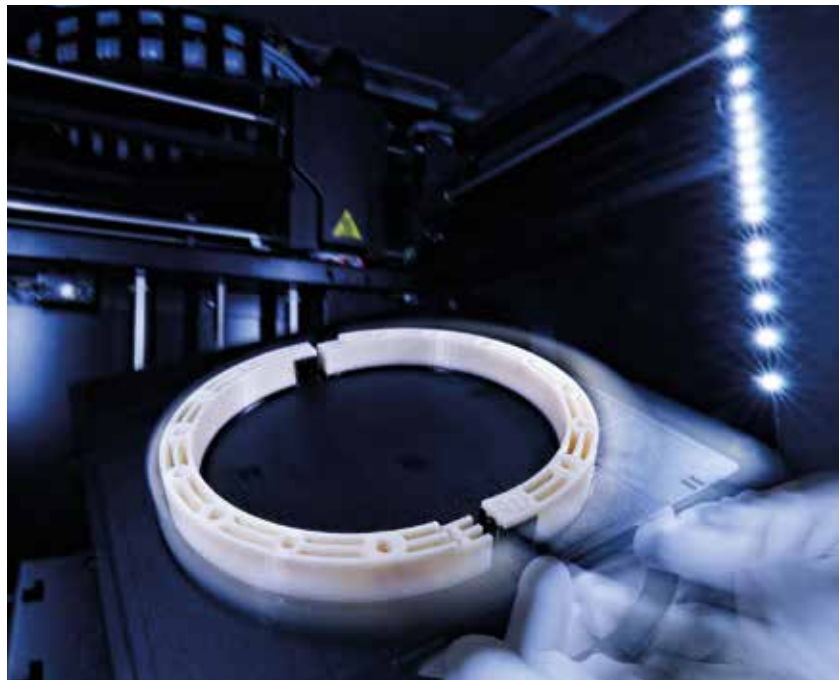
“Creating new solutions. Improving the excellent.”

Two impulses push us forward: The concrete customers demands and the practical advantage of new ideas.

For this reason, new products developed by DOYMA are setting standards for sealing and fire protection systems.

“Our standard is to always go beyond ourselves: Our products are constantly improved and the product applications are continuously optimised,” says Dr. Andreas Wulfes, head of the product development department.

A highly motivated development team works diligently on ultimate solutions that always focuses on safety and greater user-friendliness of sealing and fire protection systems.



Development of prototypes with the assistance of 3D printers

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Success is methodological

The engineers, application technicians, mechanical and chemical experts as well as DOYMA's builders leave nothing to chance. CAD-based development programmes and simulation processes are highly specialised tools to turn innovative ideas into reality.

Highly modern 3D prototyping and FDM technology generate realistic functional models. Sensitive monitoring stations and test units monitor in analytical steps the seal effect and the fire protection properties of DOYMA products. Continuously.



Understanding materials and applying them cleverly

The intelligent combination of various technical materials creates constructive leeway for improved functional principles, durable product properties and simplified types of application. Our experts are highly specialised in dealing with:

- Fibre cement
- Steel and stainless steel
- Surface refinement
- Elastomers
- High-performance plastics
- Chemical materials



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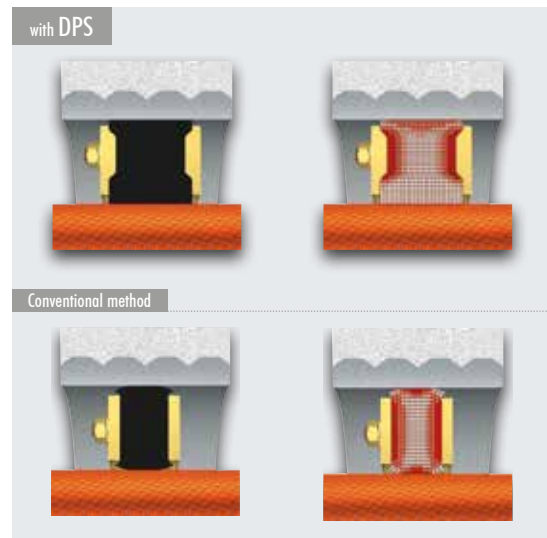
Curaflex® gasket inserts with DPS Sealing with a profile

The unique Double Profile System (DPS) generates a differential contact pressure by means of profiled sealing frames and caters for a larger dealing surface.

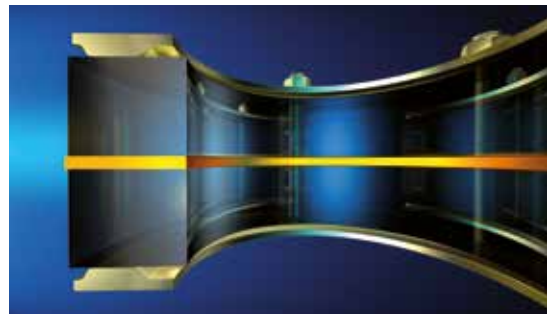
The unique DOYMA grip is a special elastomer with high adhesive force on the media pipe. Together, this caters for excellent and permanent sealing of the DOYMA gasket inserts.



DPS system of a Curaflex® C gasket insert



DOYMA DPS distributes the pressure more intelligently: In comparison to conventional gasket inserts, the contact pressure increases towards the core bore (or pipe sleeve). At the same time, the contact pressure on the media pipe is reduced by up to 30 %.



DPS system – cross-section

Quadro-Sicura® Nova
**Multi-utility service entries:
Safety in the smallest of spaces**

Quadro-Sicura® guides all supply lines through only one opening in a building. Quadro-Sicura® comprises high-performance plastic with the highest resistance against corrosion. The “turn stop” principle enables installation without special tools and the innovative module seal allows for the simple adaption to various pipe dimensions on site. This makes the installation safe and simple.



Quadro-Sicura® Nova leads all supply lines in a bundle into the building

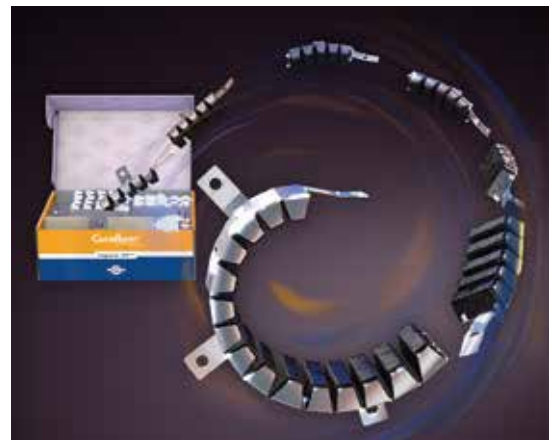
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CurafLAM® Segment SM^{Pro} It rises to its challenge

The CurafLAM® fire protection collar Segment SM^{Pro} comprises individual segments. This makes it faster and easier to adapt collars for various pipe dimensions and for the different installation situations on site.

Excellent!

CurafLAM® Segment SM^{Pro} is the “best product of 2013” by the sought-after Plus X Award in the category “heating and climate”. A DOYMA fire protection milestone.



CurafLAM® Segment SM^{Pro} – the modular and flexible system



CurafLAM® Segment SM^{Pro} – fire protection collar as a firestop for all common media pipes

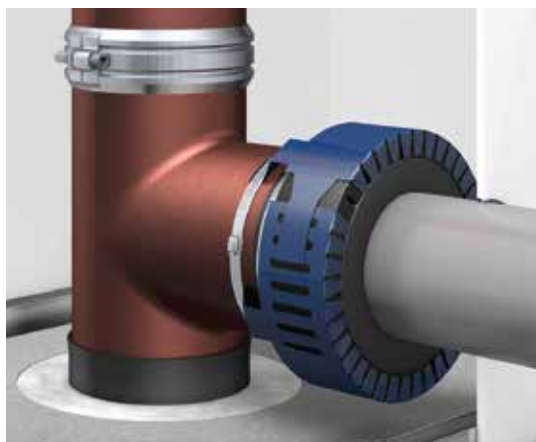


CurafLAM® Segment SM^{Pro} installed in a solid wall

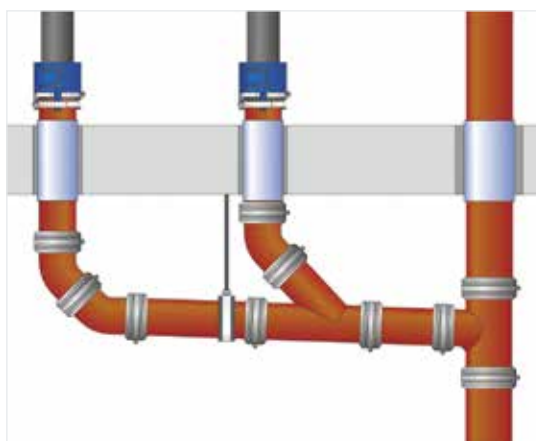
Curaflam® Konfix^{Pro}
Fire protection as safe as never before

Curaflam® Konfix^{Pro} fire protection with mixed installations (metal pipes with connection to plastic pipes).

As the first manufacturer, DOYMA presents a practicable fire protection solution approved by DIBt. Curaflam® Konfix^{Pro} is simply installed over the existing Konfix connector.



Curaflam® Konfix^{Pro} – firestop from mixed installations



Separate toilet-sink connections

Control Safety Certificate Test Institute



Safety certificates

Constant monitoring, best results.

DOYMA produces sealing and fire protection systems with the highest safety standards. This has priority. Thus our credo is: "Just simply safe".

Products from the sealing and fire protection systems range are subject to different binding test specifications. Furthermore, DOYMA ensures the high quality standard of their products by means of additional, voluntary tests (e.g. internal slip limit test of sealing systems).

The Quadro-Secura® single- and multi-utility service entries have a DVGW certificate in Germany, the corresponding SVGW certificate in Switzerland for the sealing of gas and water pipes.

In addition, DOYMA sets the pace in the standards committee and presses ahead the European Regulation Initiative with the objective of having a general standardisation of sealing systems.

The image to the right shows the licensing office as well as the testing institutes or certification bodies, which approve and test our products.



Slip limit test on a sealing gasket



Leak test on sections of a multi-utility service entries

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Test certificates or approvals are compulsory for fire protection systems such as Curaflam® products.

It takes interminable and laborious fire tests at state-run institutes or certification bodies until the manufacturer of the firestops obtains these important notifications and certificates on CE or Ü labels.

The documents can be accessed by the public and can be downloaded from the internet.

licensing office/test institute/
certification body/associations

Sealing systems



Fire protection systems



Pull test of a bolt with a gradient



Load limits test on multi-utility building penetration

Performance
Safety Guarantee
Building
Maintaining values



25 years guarantee

A proud achievement. Rely on it.

Damage to sensitive parts or machines caused by damp cause production downtime and huge costs for renovation. DOYMA products help safeguard investments in the long term.

Our products are subject to constant practical and elaborate quality and safety tests. This guarantees an extremely long service life of the products. Thus we create an absolutely safe foundation for house builders, planners and operators for the installation of our sealing and fire protection systems in buildings.

The particularly high quality level of our brand products makes us stand out. This is why we can issue this exceptional 25 years guarantee on all DOYMA products.

This promise of guarantee applies to Germany, the entire European Union and Switzerland. Should there be an event of damage or loss, the following guarantee items shall apply:

- **Replacement of the product**
- **Reimbursement of costs for installing and disassembling** up to 10,000 EUR
- **Absorption of costs** arising from **damage to property** up to 100,000 EUR

Service
Quality Projects
Advice Support



Support down to the smallest detail

Always good advice. And more if you wish.

“Providing personal customer advice over the phone is simply priceless and irreplaceable”, Jörg Kruse, technical advisor at DOYMA emphasises.

This statement has remained valid even after decades of experience. Besides advice over the phone, the technical support departments forms the two pillars of support:

In the case of buildings, planners and architects are often confronted with complex problems that require detailed specialist knowledge. DOYMA district managers can help and provide personal advisory support. Their advice is always up-to-date and competent.

The technical support at the building site by our district managers is highly respected by our customers. Both for the sealing systems and the fire protection sectors.

Our district managers have the additional qualification as “expert planner for preventative fire protection” in line with EIPOS (Europäisches Institut für postgraduale Bildung GmbH).

Our “on-site advisors” organise regular training courses for specialised wholesale trade, skilled crafts and trades, planners and supply companies.



DOYMA fire protection advisors talking to a customer



DOYMA seminars at the supply company's site



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Support down to the smallest detail



DOYMA apps for sealing and fire protection systems

We provide employees with qualified installation and product information in the scope of seminars. In line with the participant's option at our head office in Oyten or on-site.

DOYMA demonstrates presence on the new media in many ways:

■ **Website:** The DOYMA website is proof of the great user benefit. The solution-oriented appropriately placed range of information is continuously updated: the latest from the product range, announcement of campaigns and established products such as product descriptions, price lists or info for engineers and architects can be found here.

You can get information about our products directly from our wholesalers, from their catalogues and online platforms.

■ **YouTube** is the portal for videos. You can find all product and installations videos on our products there.

■ **Facebook** as a social network has also become an important communication platform for companies. There you can find out the latest and important information from our company.

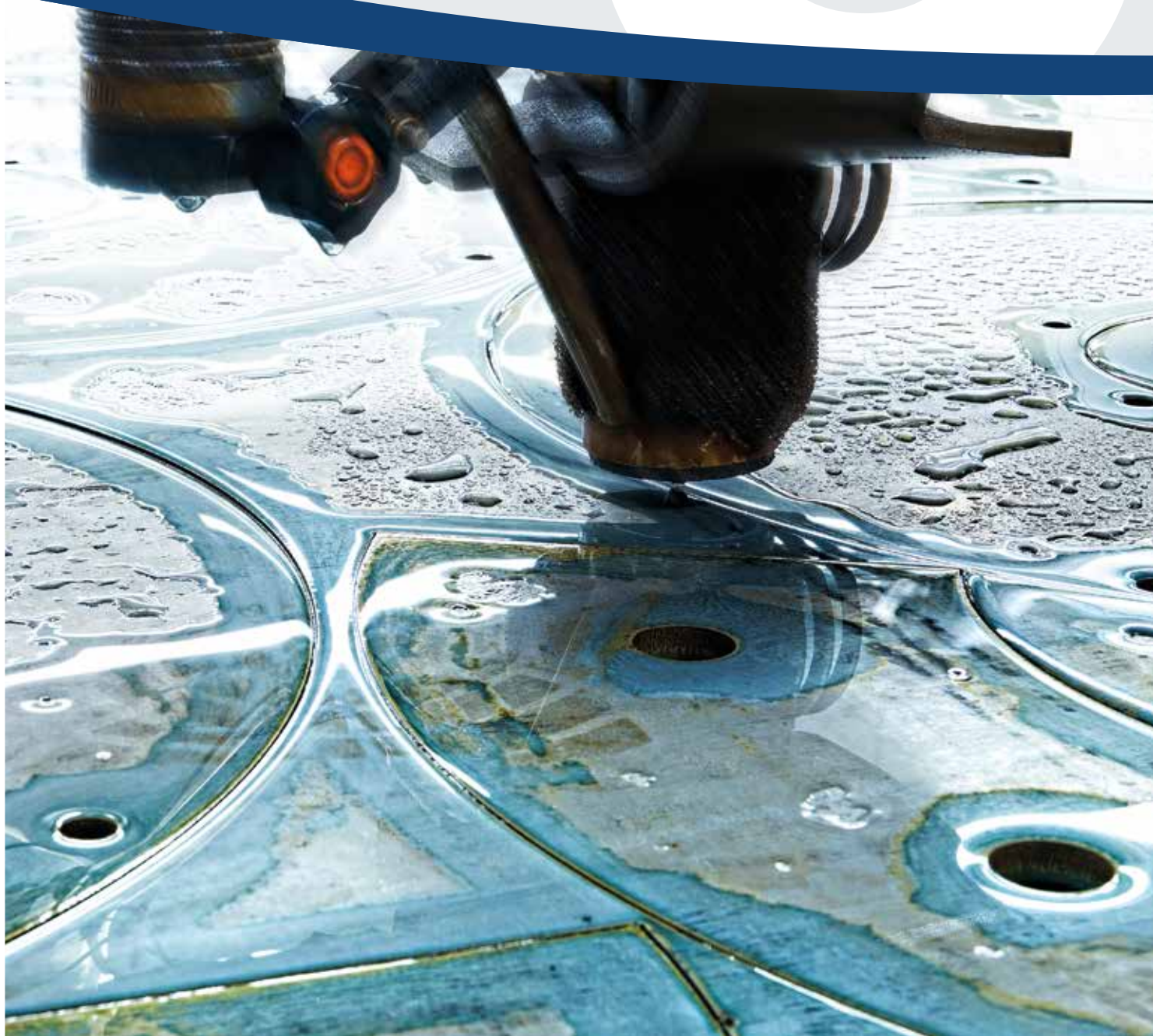
■ **DOYMA apps** provide fast and location-independent information about sealing and fire protection systems – irrespective of whether problems need solving at the building site or in the office.

Easy user guidance, simple handling and quick-to-find product details are the three unbeatable advantages. The DOYMA apps can be used on all smart phones and tablet PCs. DOYMA apps are versatile.



Precision
Competence Perfection
Installation Production

6



Products manufactured with utmost precision

Whether special design or serial production. We cherish precision.

Extreme dimensional accuracy, constantly high and consistent quality level provide reliable functioning of DOYMA precision products. The entire production process is geared towards that.

Constantly available serial products on stock are produced in line with these principles in the same way as customised component special designs.

“Computer Integrated Manufacturing” (CIM) networks production as early as the construction phase making the manufacture extremely fast and efficient. Thanks to CIM, the construction department at DOYMA is very closely connected to production.

The construction data is fed directly into the corresponding CNC machine.

The accurately sized components of our products are immediately ready for final assembly.

Our staff very efficiently execute the technical order processing, the commissioning, the manufacturing, the packaging and loading of the products in time at all.

80 % of all orders leave our premises on the

same day. Technically demanding special designs are in most cases completed within five working days.

DOYMA production know-how includes metal, plastic, elastomer and fibre cement processing to water jet cutting units, precision turning machines, special rubber-cutting machines and laser cutting-off equipment. In final assembly, we configure complex units to the finished product.

The DOYMA machinery includes:

- Laser cutting-off equipment with fibre technology
- CNC machines for milling, turning and welding; bolt-cutting equipment
- MIG/MAG and WIG welding machines
- Circular welding tables
- Water jet cutting equipment



7

Service partners
Concept Support
Commitment Trust



Service on site

DOYMA products are characterized by high complexity

DOYMA – high competence in engineering and technical support. We provide the right solution for any kind of requirement – special, custom-made products and services are highly appreciated by our customers all over the world.

Especially unusual jobs, such as the determination of appropriate dimensions or the installation of fixed and loose flange systems may require the intervention of a DOYMA specialist. Our highly qualified staff will assist you with advice and assistance, which includes the organization of on-site consulting or help with installing products.

The close collaboration between our distributors, installers and us as the manufacturer has already proven itself for many years as a plus for the customer.

Ask us – we are always at your service!



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25
Years
Guarantee

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