

KATALOG PRODUK

Wavin QuickStream

sistem drainase atap siphonic
tercanggih secara teknis



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Wavin adalah salah satu perusahaan pipa plastik terkemuka di dunia. Perusahaan kami menawarkan berbagai solusi sistem perpipaan dan fitting (sambungan) berkualitas tinggi untuk bangunan dan infrastruktur. Wavin memiliki sejarah lebih dari setengah abad, mulai berdiri di tahun 1950-an di Belanda dan kini sukses menyebar ke berbagai negara diseluruh dunia.

Pada tahun 2012 Wavin resmi bergabung dengan Mexichem, yang merupakan perusahaan produsen bahan mentah dan petrokimia raksasa dari Amerika Selatan. Mexichem mengumumkan nama barunya sebagai ORBIA pada tahun 2019. ORBIA, dengan struktur bisnisnya yang baru, memberikan pelayanan profesional kepada para pelanggannya melalui produk dan jasa di 5 lini bisnis utama; Bangunan & Infrastruktur, Tepung, Datacom, Pertanian, dan Polimer. Dengan struktur baru ORBIA, kami memiliki misi untuk memajukan taraf hidup diseluruh dunia.

Pada tahun 2019, dengan pembaharuan struktur bisnis ORBIA, sektor bisnis Bangunan dan Infrastruktur mulai diwakili oleh WAVIN, sebagai merek tunggal dan kuat di dunia. WAVIN beroperasi di lebih dari 40 negara yang tersebar diseluruh dunia dan terbagi kedalam 4 benua: Eropa, Timur Tengah, Asia Pasifik, Amerika Latin, dan Amerika Serikat, dengan total lebih dari 12.000 orang pegawai.

Wavin kini menjadi pemimpin global dalam penyediaan sistem dan solusi perpipaan, khususnya pipa plastik untuk aplikasi diatas dan dibawah tanah untuk berbagai proyek diseluruh dunia. Sejak tahun 1950-an kami telah membangun reputasi yang tidak tertandingi dalam inovasi yang berkelanjutan, pemecahan masalah secara cerdas, dukungan teknis, dan standar yang tinggi.

Wavin Indonesia menawarkan produk lengkap seperti Wavin uPVC untuk air bersih dan kotor; Wavin PPR untuk air panas dan dingin; Wavin AS+ dan Wavin Sitech+ untuk distribusi air kotor ke dapur, serta Wavin Quickstream dengan sistem siphonic sebagai solusi distribusi air hujan yang optimal.

Untuk informasi lebih lengkap, silahkan kunjungi website kami di www.wavin.com/en-id atau sosial media kami.

The special benefits of Wavin QuickStream

Not every siphonic system offers you the same benefits. Wavin QuickStream builds on 30 years of experience, offering on-site installation and design support. Together with Wavin you will overcome on-site challenges and technical queries.

The specially designed bracketing system of Wavin QuickStream ensures quick and safe installation and is a major convincing argument to work with Wavin. The bracketing system has been designed and calculated to cope with the elongation and shortening of PE pipes for a 30°C change in temperature. Bosch Engineering has verified both the method as well as the results.

Wavin offers a de-ventilation chamber for every QuickStream system, which also serves as an access point and starting point of other Wavin water management solutions below parking garages and next to the building.

In 2013, Wavin is further strengthening its offer with new and improved metal roof outlets. The new metal roof outlets have been developed by Wavin and tested by LGA (Germany). A wide range for various roofing material and installation in gutters is available. Metal roof outlets are the preferred choice of investors and installers as they show to be very durable during installation and roof maintenance.



Designing Wavin QuickStream

For plumbing engineers it is necessary to fully understand how to design a siphonic roof drainage system. Because of the complexities of the design calculations, it is essential to use an established and proven analytical design program.

With the QuickStream system, Wavin goes one step further compared to other siphonic systems. Every QuickStream project is designed and calculated by Wavin. The special designed software is the most sophisticated within the industry. It checks the system balancing, cavitation, velocity and priming of the down pipes (see explanation below).

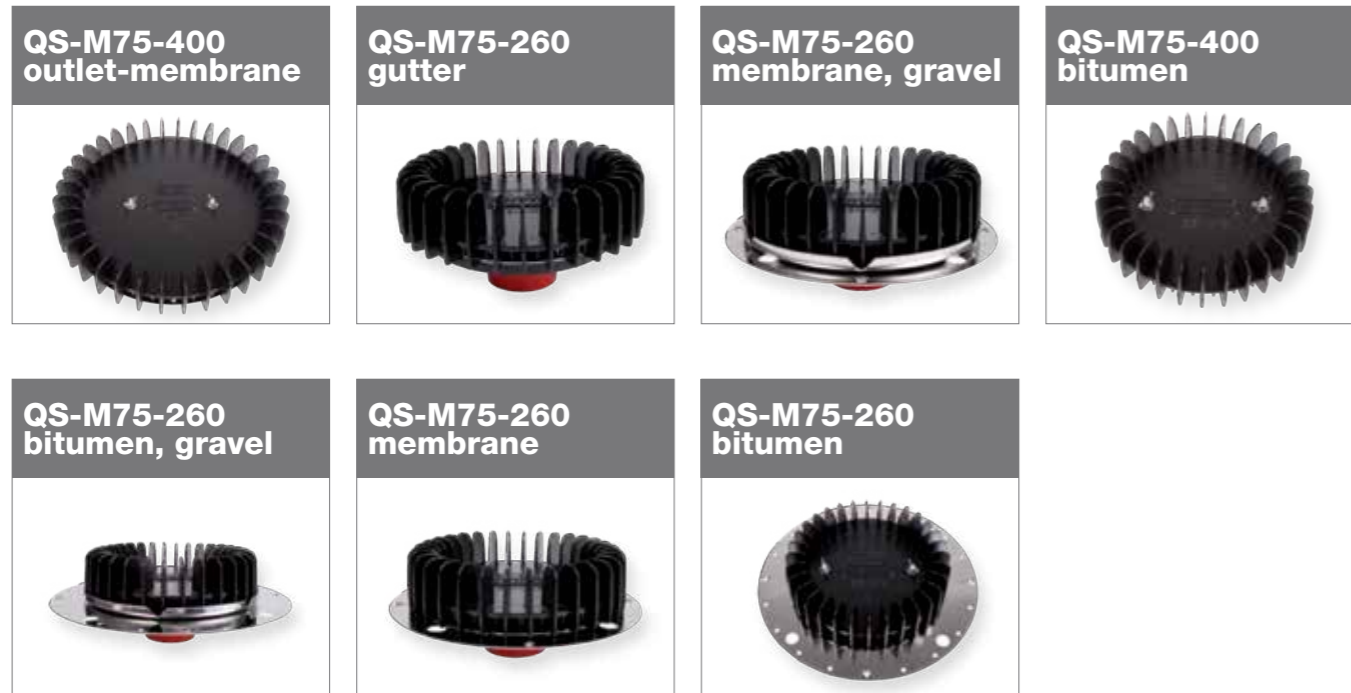
CHECK	CHECK DONE BY WAVIN / PURPOSE
System balancing	Energy loss of all roof outlets is the same / correct capacity roof outlet
Cavitation	Too high negative pressure in pipes may lead to damaged pipework
Priming of downpipe	Downpipes need to be fully filled with water
Velocity	Minimum speed to ensure cleansing of pipework

Siphonic roof drainage technology offers huge benefits to the market, the end-user and the environment. The importance of siphonic drainage systems will only grow further in the coming years, triggered by market developments and the availability of state-of-the-art design tools.



Overview Wavin QuickStream system

Roof outlets - Metal



The new metal roof outlets have been tested exclusively at LGA in Germany. The '260' roof outlets have a high nominal maximum flow rate. The '400' models have the same flow rate for a lower water level on the roof. This means fewer of

the new Wavin metal roof outlets are needed to drain the same volume of water than before with similar roof outlets. Testing at LGA proves it. Please contact your local Wavin contact person to support your next project.



Wavin designs and calculates all QuickStream systems in-house using the most advanced software in the business.

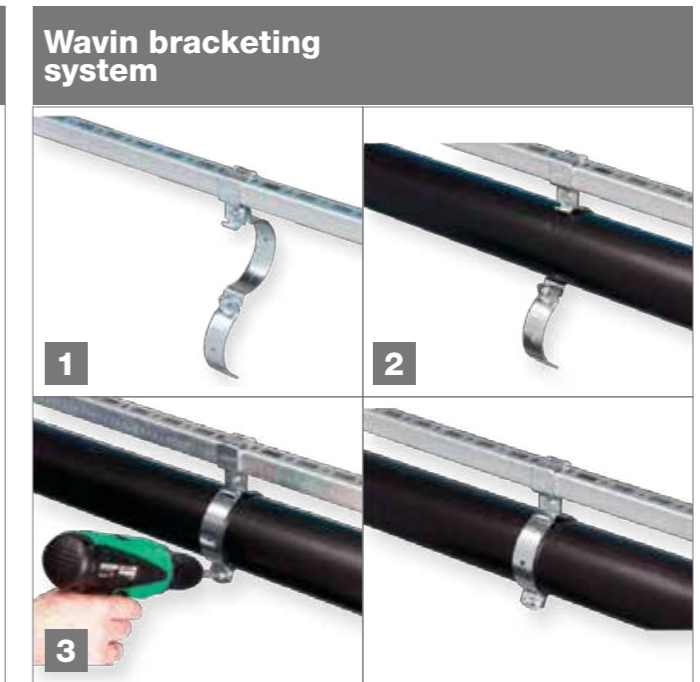
Output drawings are in AutoCAD and can hence be easily incorporated in building drawings. You can rely on Wavin for your local or on-site technical (installation) support.

Designing Wavin QuickStream

Roof outlets - Plastic



Bracketing material



INTESIO - intelligent storm water solutions from Wavin



A Wavin QuickStream system is connected to subsequent below ground water management system where rainwater is attenuated for re-use or infiltrated back into the soil. From its history, Wavin is specialist in designing and advising on total water management solutions.

These total solutions are brought together in one package: INTESIO storm water solutions. Contact your local INTESIO engineer for more information.

Discover our brand portfolio at
www.wavin.com.tr



**Wavin QuickStream:
The most advanced siphonic roof
drainage**

- ✓ Design and calculation by Wavin
- ✓ Extensive range of competitive roof outlets
 - ✓ Safe and easily installed bracketing
- ✓ Discharge from QuickStream system used to design subsequent watermanagement solutions
 - ✓ Proven track record across Europe

Water management | Heating and cooling | Water and gas distribution
Waste water drainage | Cable ducting



Wavin is part of Orbia, a community of companies working together to tackle some of the world's most complex challenges. We are bound by a common purpose:
To Advance Life Around the World.



WAVIN ASIA PACIFIC E-mail wavinapac@wavin.com | Internet www.wavin.com/asia



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