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The greatest % 4\$\$ on earth

encing installers can generally get along pretty well. They've often learnt the trade via the same (steep) learning curve – with a whole lot of trial and error – and that forges a bond. When a manufacturer or industry association throws a party and fencing installers find themselves at the same table, they have a great time together. They get rounds for each other, tell some really good stories, and have a lot of laughs. We've attended plenty of these parties and have always needed a week to recover, because the fun doesn't stop until the booze has run out, long after the sun has risen.

But there are a few conditions attached to that kind of enjoyment. Because installers only like each other if they live a really long distance apart or have a very different client base. When it comes to their direct competitors in the region, they give them a wide berth and call them unprintable names that you won't find in any dictionary.

"You know Johnson Fencing? Complete amateur. He instals fences in fresh concrete and uses slats and boards to support them. What an idiot. You just can't take him seriously. And Evans, that filthy %&#\$, I don't want anything to do with him either. He used to work for me... so he let me spend my time teaching him how to do everything, and then all of a sudden went off to set up his own business. Now he tells all the customers that he's better at it. As if! I've got 30 years more experience than he does. Oh and then there's Singh. He really is the biggest %&#\$ to ever walk this earth. You know what he did? He stole a job from me in MY town, which has absolutely nothing to do with him, right there on the main street in a fantastic high-visibility location, and he put an enormous nameplate on it. Oh, and I

haven't even told you about McDonald. What a weirdo. If I ever spotted him in front of my car, I'd put my foot on the accelerator. He somehow managed to convince an architect – I reckon he must have bribed him – to use his own system from now on in the specifications for my biggest client."

There's always something. Fred's marketing is too aggressive, and Harry's installers just ignore you when you say hello to them. Sometimes an installer will hold a grudge against some fellow installer, because 17 years ago (when the business was still owned by his father) he came over to borrow a roll of chain-link mesh and paid it back with a roll from a different manufacturer – whose mesh is of course of much lower quality than the mesh from the factory they buy their mesh from. The scumbag.

When you hear installers talking about their competitors like this, your first thought is: "Pfff, is this really such an unsporting industry?" But we do understand where all this envy - and sometimes pure hatred - comes from. The business world isn't like having a casual Sunday afternoon kickabout in the park. The business world is cold-blooded and harsh, and when you're trying to do business in a relatively primitive and unregulated industry like ours, that makes it even harder. If you're on the football field and suffer a slightly-too-hard push on the shoulder, the worst that can happen is that you get a bit of a bruise, while in business a little push from a competitor can easily cost you a few thousand euros or pounds. And we haven't even started on big pushes or tackles. They're not things you can sort out after the game with just a beer and a friendly slap on the shoulder.



At the same time, it's a real shame. Every time we find ourselves at a table with fencing installers from different regions, sometimes even different countries, and see how much they're enjoying each other's company, we wonder why this doesn't work regionally. Being able to get along well with the fencing professionals in your own region has all sorts of advantages.

You can recommend each other for the jobs that you can't or don't want to do yourself. You can hire out installation crews to each other if there's a big job that needs to be finished quickly. You can purchase supplies together, buying bigger quantities and so getting better prices. If all those things go well and you build mutual trust, you could even sit down together to see (obviously without breaking cartel laws) whether you could help each other to increase the price level in your region a little, or protect each other's major customers. Or you could work with two or three others to start up an electrical services company, for which you've never quite had enough work on your own. And even if it's just because it makes it much easier to borrow a box of bolts or some fixings from each other: you're always stronger together than alone.

In order for that to happen, there needs to be tolerance and acceptance. Everyone is struggling. It's a slog for everyone. In hard times everyone has to slog to get orders; in good times everyone slogs to find staff and maintain acceptable delivery times. And hardly anyone in our industry has followed a special course of study for that; the vast majority of competitors have had to learn by trial and error the same way you have. And every competitor occasionally (or regularly) finds themselves in

dire straits and then takes odd – and sometimes unsporting – steps to resolve it. But the moment you realise that the football match you thought you were playing is actually a rugby match, it's easier to see the hard pushes and the tackles as part of the game, and fellow installers as fellow players, rather than %&#\$\$s.

Why not give a wave if you see that colleague driving past who (until yesterday) you thought was a %&#\$\$, thanks to those times he pushed you in the shoulder in the (possibly distant) past. And do the same again the next time. After three or so times, that installer will wave back. And if you happen to run into him at a petrol station, stop for a quick chat – he may well turn out not to be as much of a clown as you thought. Before you know it you'll be sitting together after the match, having a beer.





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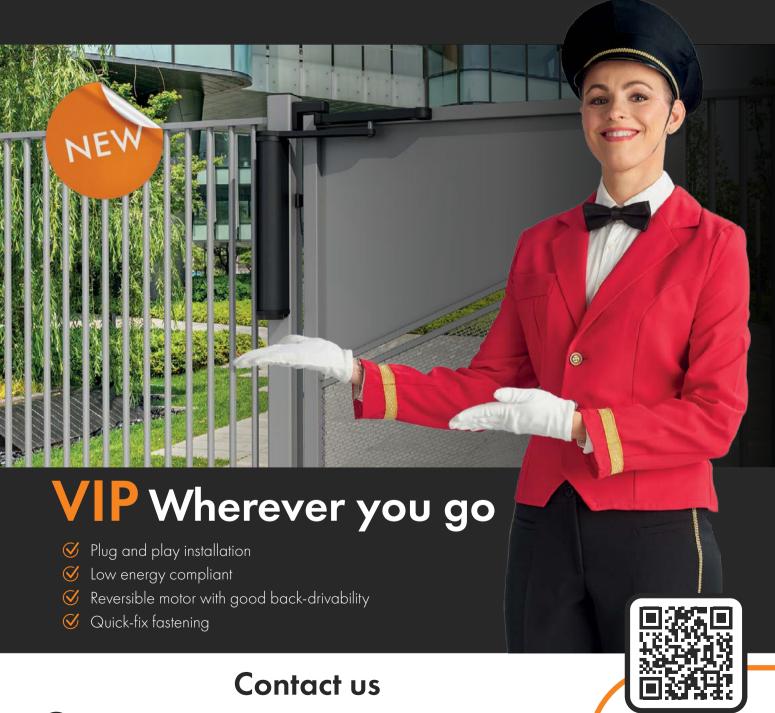
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ultra-modern mobile sliding gate. "If it works, it ain't stupid," as the Americans say. Thanks for the

photo, Thomas!



Coustautiu@Bayer

Now for some more winter photos, although the temperature is already looking more summery even as we type this. Constantin Bayer of Bayer Tor- & Zaunsysteme in Schnelldorf, a town between Nuremberg and Stuttgart, went skiing in the Zillertal in Tyrol. That's where he came across this fence made of skis, surrounding the terrace of a ski hut. Nice photos, Constantin! A great fence and an amazing view - what more could a fencing installer on holiday ask for? Thanks for sending them in.



Nick@Ruigrok

Nick Kroone of Ruigrok Hekwerk in Almere near Amsterdam installed two sliding gates with electric and detection wire around a self-storage business in the town of Hulst, on the Dutch-Belgian border. Nice photo, Nick! Thanks for sending it in.

Alexauder@BZH

Alexander Seybold of BZH Balkone & Zäune in Köngen, near Stuttgart, was walking through the vineyards near his home when he came across this wooden portal for people of up to five feet in height (or does it just look that way?). "I'll go back again this summer to see what it looks like in full bloom," he writes. Will you send us a photo of it then as well? We're interested to see it!

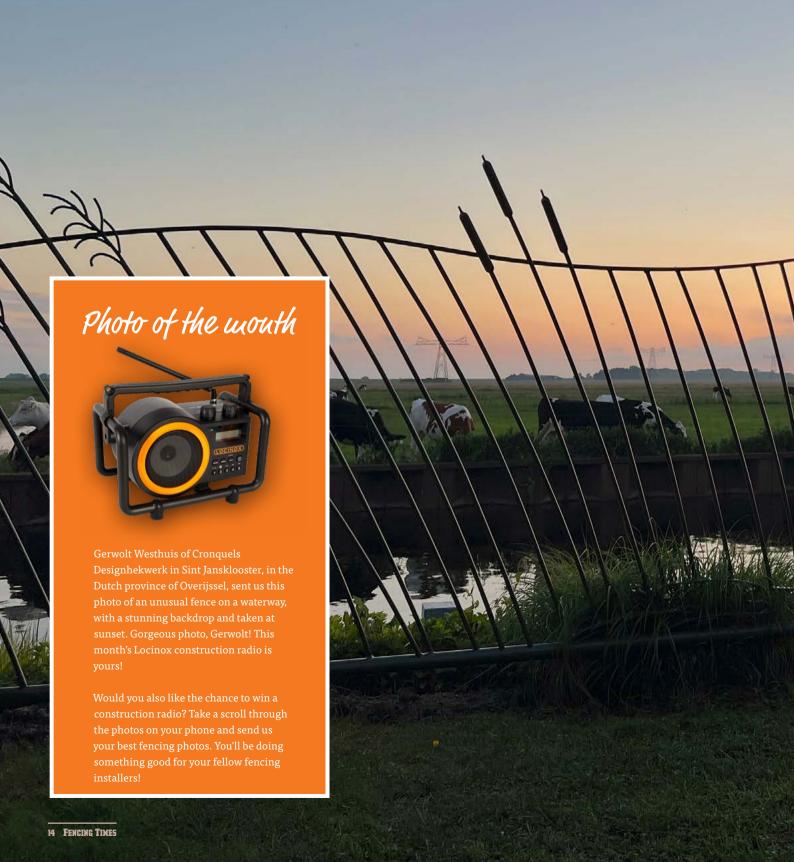




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o promote this great magazine, we are looking for photos of readers who are reading. Reading fence worker readers in other words. It doesn't matter where you are reading: At your desk, in the warehouse among the nuts and bolts, outside on the forklift truck, stretched out on some rolls of wire mesh, slumped against a fence or in the back of a pickup truck, the more creative the better. Outside the workplace is also fine of course: on a French campsite or an Austrian ski slope, in a Hawaiian hammock or on the terrace of your water villa in the Maldives, we accept everything.

We know there are few photo models running around in our industry, but we do have Photoshop, and we promise we will show off your best side. And if you really cannot get in front of the camera yourself, we are sure you have a colleague or an employee who can hold a magazine for you.

We will post all submitted photos on our Instagram account. The photo which gets the most likes through 1 May, will win a barbecue. Then you will at least not have to go to the chip shop during the break, but you can grill your own sausages while building fences. We will announce the winner in the June issue.

Send us your best photos at photo@fencingtimes. com or share them with us directly on Instagram. We do not bother with copyright and small print: you and we can use the photos as we like. You can send as many photos as you want. Do not wait too long to submit, the sooner you submit, the longer your photo can collect likes. Many thanks!







Holden now manufactures Fence Repair Tool in England

gricultural fencing tools and machines importer Holden Fencing Imports is based in Ramsbottom, just outside Manchester. The company's imports include Fence Pro and Kyne post rammers, and from now on it will manufacture the Fence Repair Tool from its range in the UK.

"Until now the Fence Repair Tool has only been made in Australia," director James Holden says. "We now have purchased the rights to manufacture the tool here in the UK. That will save us a huge amount on transport costs, and delivery times will be considerably faster."

The Fence Repair Tool enables the user to maintain the tension of agricultural and wildlife mesh while replacing a section. "Without a Fence Repair Tool, you have to install additional wire tensioners after making a repair," Holden says. "They cost money, and it costs time to install them. With the Fence Repair Tool you maintain the tension of the mesh while you're replacing a section."

Despite what the name suggests, repairs are not the only time the Fence Repair Tool comes in handy. "A lot of installers now use it when installing new mesh, too. The fence repair tool is ideal for use with straining boards for removing slack between the boards. It also saves wire tensioners in this situation and it speeds up installation, particularly if you're working alone."

Holden now has the components of the Fence Repair Tool manufactured by a local construction company, then assembles them himself. "Now that the Tool no longer has to come all the way from Australia, we're able to supply it within a week or two," he says. "The delivery time used to be as much as 10 weeks, so this really is progress."





AES adds WiFi version to its i-Gate range

ES Global, an intercom manufacturer based in Cookstown, Northern Ireland, has released a new version of its i-Gate gate opener. In addition to its GSM openers it now offers a WiFi version, which doesn't require a SIM card. "Most WiFi openers on the market were created for garage doors," says Thor Sagland, who managed the development. "You can use them to operate your garage door if you're within WiFi range, but they're no good for the gate at the end of the driveway, which is often a bit further away. So the alternative is then a GSM opener, but that needs a SIM card, which you have to pay for every month. That's why we've launched a WiFi opener that has an extra-large range."

With the i-Gate WiFi, you can open the gate using the AES app. "You can also have other gate users install the app, and then grant them access,"

Sagland says. "If the i-Gate is installed within range of the existing WiFi network – and if that WiFi network is connected to the internet – then you can control the gate from anywhere in the world, using your phone."

The i-Gate WiFi is installed on a DIN rail. You can power it with a direct or alternating current from 8 to 36 volts; in other words, more or less any power supply that's available at the gate. It has a single relay and a connection for an external antenna, for use if it's installed inside a metal cabinet. Sagland: "We created the iGate WiFi in response to market demand, providing a user-friendly solution for anyone who wants to save on monthly SIM card charges but nonetheless enjoy the gate-opening features offered by the AES app."







New line of Duofuse privacy garden fencing from Plastivan

Plastivan, a Belgian manufacturer in Oostrozebke (between Ghent and Kortrijk) of, among other things, garden fencing, is introducing a new line of sections for its Duofuse garden fencing. They are made of PVC, are reinforced with steel box sections, and printed with wood motifs.

he wood-plastic-composite panels in our Duofuse range always have one colour," says sales manager Benelux Jacco Lodewikus. "That's why we wanted to add panels to the programme with a distinctive and more premium look. These are the new printed panels."

PRINT

The printing technology for the new panels is by Plastivans Durasid Foresta cladding sections for facade cladding. "Special plastic slats have been developed for the Duofuse garden fencing on which we print photorealistic motifs using a special printer," Lodewikus continues. "Visually, the panels are barely distinguishable from real wood. Because we only use part of the photo for each plank, all the panels look different, and to anyone looking at the garden fence it looks as if it is constructed of real wooden planks. Only when you touch the panels do you miss the relief and understand that they are imitation. The big advantage of the printed planks over real wood is that it does not weather and is low-maintenance. In cladding, we have been using the printing technique for years already and it has already proven itself. Hardly any discolouration occurs under the influence of UV and other weather influences."



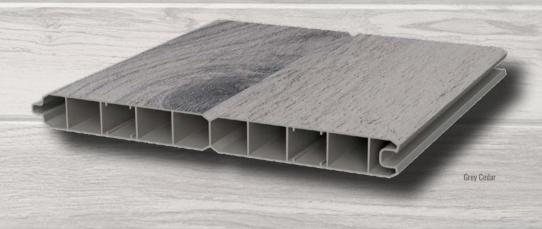






TECHNOLOGY

The new plastic tongue-and-groove section is hollow inside. Each plank is reinforced with a steel box section in one of the chambers. The printed boards are 2 metres long and 250 millimetres high, with a small groove in the middle. "This way, a 2-metre-high fence appears to consist of 16 narrow wooden boards, when in reality there are only eight," says Lodewikus. The slats are locked at the top and bottom by two aluminium sections for extra strength. Those closing sections now come in two types: there is now also a set between which you can mount the boards vertically. "That immediately gives the fencing a completely different look," he says. The printed tongue-and-groove boards fit into the existing aluminium posts of the Duofuse range. They are available with four patterns: Woodland Oak, Grey Cedar, Barnwood Grey and African Padouk.

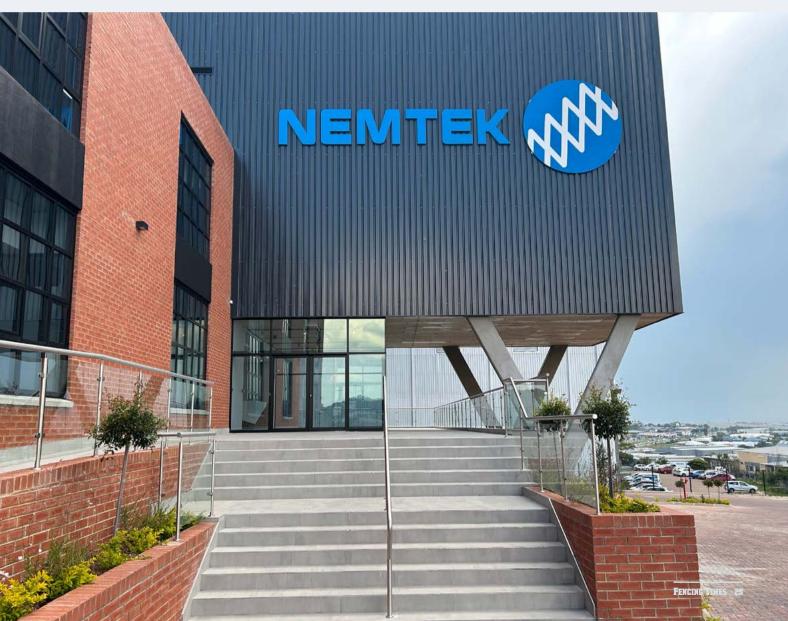




Nemtek opens European office in the Netherlands

Last autumn, South African electric fencing manufacturer Nemtek opened its new European headquarters. Located in the Dutch city of Oisterwijk, near Eindhoven, the new base will serve the European market.

he Dutch BV was created about three years ago,"
Business Development manager Kade Ingram
says. "We set it up to make it easier to service European
companies, as well as take care of the customs formalities for our
clients. But demand has been growing so fast that it was worth
turning it into a fully-fledged branch of the business."



NEW BRANCH

So now the new branch has been established. It's called Nemtek Europe. The location features both office and storage space, with a staff of twelve. The company plans to use it to serve all European customers for the time being. "We have almost our entire range of products in stock here," Ingram says, "so everything can be delivered quickly. It's also much easier to phone and - in particular - to visit our European customers from the Netherlands than it is from South Africa. In addition to providing better service to our existing clients and partners, we want to acquire new ones. Our primary focus here is not only the Benelux countries but also Germany, northern France, UK, Italy, Hungary and Croatia."

RANGE Nemtek's product range features both security and agricultural fencing. "The first one keeps intruders out, by detecting them and slowing them down," Ingram says, "while the second, in contrast, keeps domestic or farm animals in, and pests out. Both types are available in all shapes and sizes: with our security fencing, we have models for private use, as well as for companies and critical infrastructure. The agricultural models are available for simple pastures for large or small livestock, as well as for horses and equestrian sports, and of course for large and small wild animals and game too. When we started out over 30 years ago we focused on security fencing, so our agricultural fencing styles were developed with a security mindset. They now offer security features and manual ma communication capabilities, to not only keep animals in, but to also effectively control the theft and injury of animals by poachers and predators."







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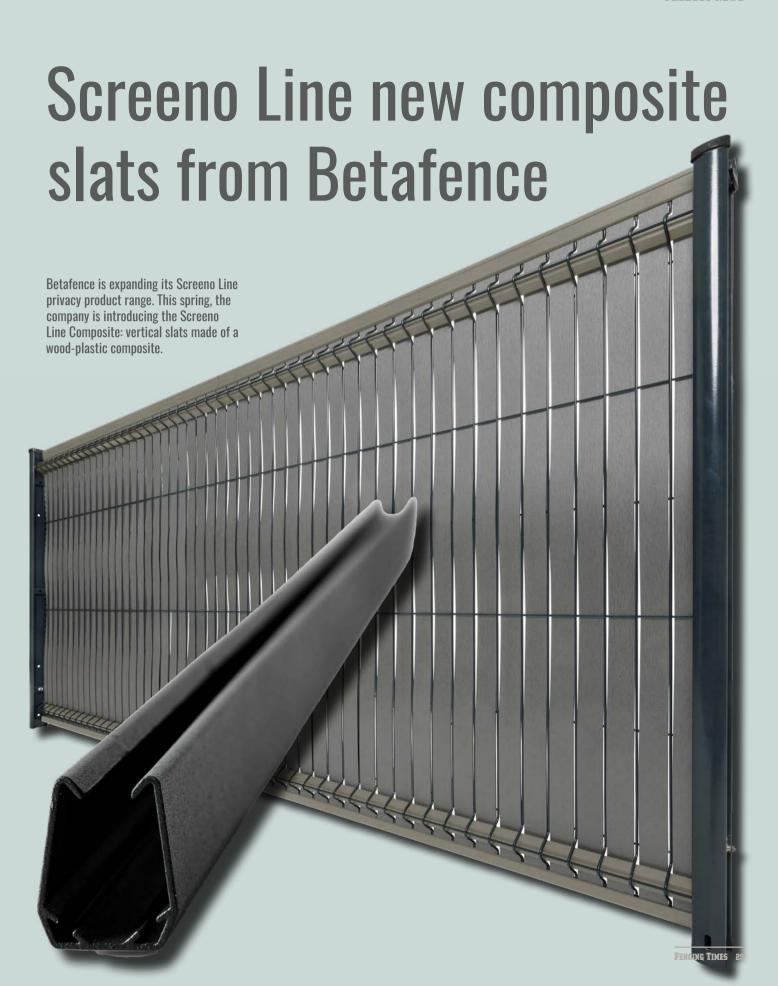
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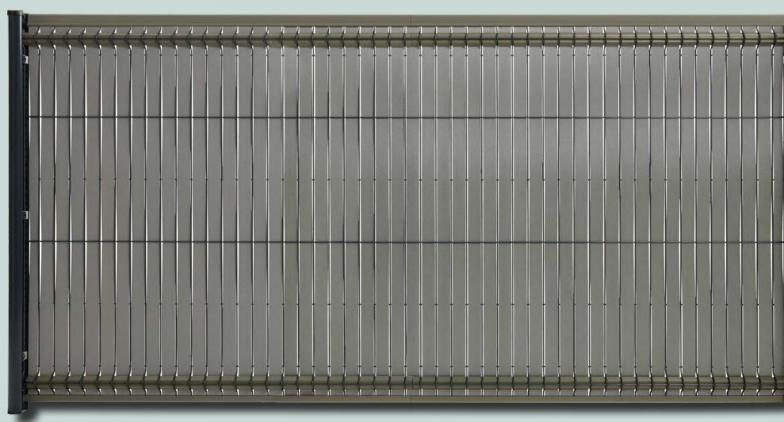


he demand for privacy solutions remains high," says product manager Kris van Waes. "For this reason, we now have composite slats in our product line in addition to vertical PVC slats. These have a more premium appearance and have greater weather-resistance."

SET

The slats are sold in sets. "A set always contains all the parts you need to close one 2.5-meter wire panel," says Van Waes. "It contains 48 slats with a width of 44 millimetres, plus 2 slats with a width of 31 millimetres for the end meshes, which partially disappear into the posts and we have a top and a bottom aluminium profile to lock the slats in place. These profiles click on the upper and lower horizontal wire. And finally, there are the nose profiles which are also constructed of aluminium, and are inserted from the side into the V-shaped profiles of the wire panels. The nose profiles give the fence a nice finish and provide strength because they push the vertical slats against the horizontal wires."







The new Screeno Line slats are suitable for all 3D panels ever sold by Betafence. "Bekafor Classic, Nylofor, Nylofor 3D, Nylofor 3D+, Nylofor Essential, Nylofor NYL 3D Light II and Nylofor 3D XL – if the mesh size is 50 millimetres, the slats always fit," says Van Waes. "The shape of the nose profiles is such

each panel. In addition, they have an integrated rubber strip, which accommodates the tolerances between the different panels. So, our partners can offer the sets with new fencing, but also offer them to customers who already have a fence in place. A second advantage of that strip is that the slats do not scratch during filling." All horizontal aluminium profiles are 1.25 metres long, to ensure that the sets can be easily transported and occupy little space during storage.

that they fit into the V profiles of

SPECS

The slats are 4.3 millimetres thick. "It makes them sturdier and more resistant to warping," says Van Waes. "Furthermore, they are UV-resistant and tested for temperatures from minus twenty to plus fifty degrees Celsius and we confidently give a ten-year warranty on them. We sell the sets in three colours: anthracite, light grey and sand yellow. The accompanying aluminium profiles have a textured coating in RAL 7016, 7039 and 1001. "The colours are similar to the colours in our Horizen Prime line, an insert fence made of aluminium posts and horizontal composite profiles. This allows customers to combine Horizen fencing with custom wire panel fencing with Screeno Line filler profiles." When our customers choose our Screeno Line Composite privacy slats, they get a product that looks great for years to come and needs little to no maintenance. It's a quick, stylish, and environmentally friendly upgrade to an open fence, transforming it into a secure and private perimeter." Betafence sells the sets in all heights from 1000 to 2030 millimetres. ■

According to a survey of 100 installers:

84% reported unsafe design to be the most common cause for automated gate accidents in the last 10 years

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Clarke Metal Services back in the mesh business

Last autumn, Crewe-based steel importer and distributor Clarke Metal Services began supplying mesh panels in addition to its existing range of steel sections and profiles.



ver the past years we have supplied a great deal of steel profiles to system suppliers," managing director Shaun Clarke says. "Obviously there have been a lot of 60x40 standard posts, but we can supply other sizes too. One of my customers required a large amount of mesh and asked if I could supply it. At that point I thought, well, why not?"

HISTORY

"I have been selling steel all my life," Clarke explains. "My grandfather worked in steel construction - unfortunately, he died as a result of a steel beam crushing him many years before I was born, so you could say that I do have steel in my blood! I started my working life as a junior sales administrator at James and Tatton Steel, where I first met sales director Roger Fouldes. Roger, previously of Tinsley Wire in Sheffield, asked me to start repping in the fur and feather-trade¹. He saw something in me and taught me everything about mesh, mesh rolls and industrial mesh, and later on about mesh fencing, expanded metals, wire, and reinforcement fabric. After that I worked for Hy-Ten International, selling industrial and fencing mesh to distributors throughout the UK and Ireland. I then joined the Finnish steel giant Rautaruukki, selling many products to the fencing market including special cold rolled sections. Ruukki was acquired by SSAB shortly afterwards, and it was at this stage I started my own steel supply business, Clarke Metal Services, which celebrates its 25th anniversary in May of this year."

1) The fur and feather trade relates to animal containment and cages from simple wire mesh in chicken coops to bird aviaries and beyond.





SECOND TIME

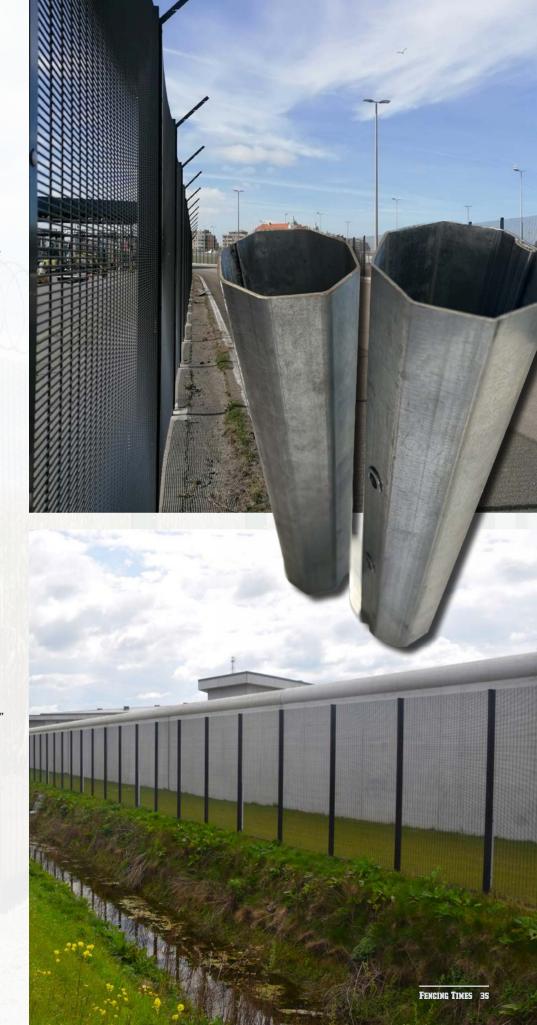
This isn't the first time Clarke Metals has dealt in mesh panels. "About 15 years ago we also wanted to expand our steel business into mesh," Clarke says. "At the Tube & Wire trade show in Düsseldorf I met a Dutch mesh manufacturer, Van Merksteijn. They were looking for someone to sell mesh in the UK and Ireland. So we started to sell Van Merksteijn's mesh panels, and after six months it was so successful that we founded a company together: Van Merksteijn UK. We didn't sign contracts, Peter van Merksteijn and I shook hands and that was that. Business was going well but in 2017 the Dutch company changed its strategy and only wanted to work with 100 per cent subsidiaries. They bought me out, along with my then business partner Lawrence, and in return we promised to stay out of the mesh market for a period of three years. We did that, but now the three-year period has more than expired and we're back in the mesh game."

RANGE

Clarke Metals' range of mesh consists of every rigid mesh fencing panel on the market. "We have 2D twin wire, 3D profiled mesh and prison mesh in every configuration you could require, and the posts to match," Clarke says. "Rebound panels, 358, Super-6, Super-10, 45-degree crank extensions. What sets us apart from other suppliers is that we don't have our own factory, so we're not limited by any capacity range. Instead, we have great relationships with our supply partners - not only here in the UK, but in Belgium, Germany, the Netherlands, Poland and Turkey. Whatever panel or post you need, with any specific requirements: if there's a machine to manufacture it, we can deliver it to your facility."

SERVICE

Clarke Metal Services is targeting system suppliers and the bigger dealers with its new range. "Our added value is in the service we provide," Shaun Clarke explains. "With the posts, we take care of having the bare steel galvanised and coated, we take care of any holes or inserts, and we add accessories like top caps too. Customers get everything they need in one complete package. We now do the same with the wire mesh panels. We have them manufactured, galvanised and coated; we supply a ready-made product. The only thing you need is our contact number, haha."



Holler inaugurates new factory

Austrian sliding gate manufacturer Holler Tore from Wagna, near Graz, inaugurated its new sliding gate factory in mid-February during its Expert Days 2024, a two-day event for dealers and gate installers. The Fencing Times was present.





ince we switched from direct sales to selling through distributors and installers about 15 years ago, we have been trying to organise specialised dealer days every four years," says founder and owner Ewald Holler. "It's a good way to introduce new products, customers get a completely different picture this way than when they see something in a brochure. Moreover, we stay in personal contact with our customers, many of whom we have close partnerships with, which is hugely important to us. Because of Corona, the construction of the new factory and some other reasons, the last specialised dealer days were already seven years ago, so it was about time. We have not been idle in terms of product development though, so we were also able to show many novelties."

NOVELTIES

The event began Friday around lunchtime at the community hall of the municipality of Wagna. There, more than three hundred participants from twenty-two countries were first treated to lunch, after which Holler himself ascended the podium to welcome them. After a brief, general company presentation, he gave the floor to several other speakers. For example, Marcel Vionnet of Holler Switzerland presented the new brushless drives. These are now available for all Holler sliding gates, swing gates, folding gates, and barriers. "We used to install drives from other parties into our gates," he says. "Now we make them ourselves, so we can adapt them completely to our specific application. With our own, universal controller, which has all the functions our gates need." Mark Leinung from the German branch then presented the new Holler barriers and a new top drive for swing gates, both completely in-house developments. "The design and drive are now optimally adapted to each other - and to the design of the sliding gates," says Leinung. "Customers who combine a sliding gate for the night with a barrier for daily traffic now have the ideal combination."

INTERCOMS

Henk Sletering of Holler Benelux introduced Holler's new intercom programme. "We used to build any intercom in a gate that a customer wanted," he says. "That is a lot of work: the customer has to send the intercom to us and then we have to adapt the guide column exactly to that intercom. Or the customer just sends us a drilling and cutting template, but then the customer has to do the installation and discussions can result if something does not fit. We still do that now, but to make it easier for both the customer and us, we now also offer a selection of intercoms as standard, in the price list. The customer then only has to tick the option when ordering and at the factory the process is all set up to build that intercom straight into the column."





HOLLER GATE CONTROL

Martin Nordlander presented the new Holler Gate Control, which all Holler gates can now be fitted with in the factory. "With Gate Control, you make the control of the gate accessible from the internet," he explained. "That has huge advantages. The installer can read malfunctions remotely, so he already knows what is wrong with a gate even before he gets into his car. This not only means that you no longer have to make unnecessary trips to clean the glass of the photocells, but also that you can offer - lucrative - full-service maintenance contracts in which you solve a malfunction even before the customer realises that there was a malfunction in the first place. Holler Gate Control also has advantages for customers: it gives them a whole range of access control functions, allowing them to grant or deny access to certain groups of users at certain hours of the day."

SPECIALS

Ewald Holler's daughter Lisa showed a whole row of specials built by the company in recent years, including sliding gates 11 metres high or 70 metres wide, with designer or high security infills or in telescopic versions. "It is impossible to put all these different versions or modifications in a catalogue," she says. "But we still like to show what is possible. That way, we give people ideas and especially want to encourage our partners to come to us with their customers' special wishes. Because if something is technically possible, we can realistically always make it."







COATING

Thomas Sattler is co-owner of the powder coating company at the first Holler plant. He gave a presentation on repairing the most common coating damages. "Fences and gates sometimes incur minor damage during transport and installation," he said. "Sometimes this is someone's fault, sometimes not - but in almost all cases, these damages are easier to repair than most people think." Sattler showed on the stage how it is possible to restore a coating, which has turned white because condensation in the packaging has been heated by the sun, to its own colour with an ordinary hot-air dryer. "It takes maybe five minutes as a result of which you can avoid endless discussions with the customer," he said. Sattler also demonstrated how to repair scratches, pits, and other damage easily and invisibly with a sander and some lacquer.

ENERGY FENCE

Ewald Holler himself also had a few developments. For example, he presented a new fencing mini-power plant, which is suitable for installation on balconies as well as on the ground. It is a package in which two solar panels are built into a standard fence model, complete with an inverter. "The whole package is ready to be plugged in," he says. "All the customer has to do is put the plug in the outlet and the energy from his fence is available in his home. No permit, no contract with the energy supplier, no complicated hassle, just take some of the power you use during the day from your fence." He also showed a new hand-held transmitter, talked about several improvements to the folding gates assortment and introduced new models of parcel and letterbox columns.









RÖMERHÖHLE

On Friday evening, the guests were driven in six buses to the Roman limestone quarry Aflenz, just outside Wagna. This is Austria's oldest mine still in operation, mining a special kind of limestone underground. There it was time for festivities. In a shut-down section of the mine specially decorated for the occasion the guests were treated to a performance by opera singers Nataša Trobentar Majcen and Sergej Rupreht, who sang songs from The Phantom of the Opera. The unique acoustics in the caves of the mine made the performance extra special. The opera singers alternated with Slovenian saxophonist Oto Vrhovnik and guitarist Dunja Vrhovnik, who swept up the guests at the very opposite end of the musical spectrum with folk songs, summer hits and sing-along classics.

FACTORY

Saturday again started at Wagna's event hall at 9 in the morning for the remainder of the presentations. Around noon, buses took guests to Holler's headquarters for a brief lunch and tours of the company's production facilities. There, many saw for the first time the new, 200-metre-long, 10,000-square-metre factory that Holler had commissioned step by step over the past year. "We moved the production of all sliding gates here," says Ewald Holler. "The existing factory had become far too small for that, although the latest extension to that factory is also only a few years old. In the existing factory, we now make swing and folding gates, barriers, drives, and specials."

WELDING MACHINE

The main component of the new plant is a travelling welding machine, which, fully automatically, welds sliding gates together. It was custom-built especially for Holler and consists of two large welding tables that fit sliding gates of up to 17 metres. "While the robot is working on one welding table," Holler explains, "operators can prepare all aluminium sections on the other welding table, in a template. In order to do so, the welding table is in an inclined position. When all the sections are in place, the welding table turns so that the gate is upright. The machine then drives over the gate, after which two welding robots weld the sections from two sides simultaneously. Welding from two sides simultaneously heats the gate evenly and prevents warping. It is also faster. When the welding is finished, the machine drives to the second welding table, where the sections for the next gate are ready. The operators now grab the gate leaf from the table with a gantry crane and take it to the - also brand-new - coating facility. And then the whole process starts all over again. When the plant is running at full capacity, a gate is finished every eight minutes."





INTERNAL LOGISTICS

At the front, in front of the welding robot and the coating line, is an area where the aluminium sections are received and buffered. "The different sections are immediately sorted here," says Holler. "The top beams, bottom beams, intermediate posts and other sections that go together in one type of gate are given one colour label and lie in racks coated in that colour. This way, we make it easy for operators to quickly – after all, they only have eight minutes to spare – gather the correct profiles for one gate together and bring them to the welding table." On the other side of the factory are other departments where the bolted gates are assembled, a department where the leaf and guide column are assembled into one unit - "'married' we call it" and a department where all the electronics are installed and where the gates are tested. Finally, there is a shipping department, where the leaf and column are separated again so that more gates fit on a truck. "Our gates go all over the world, they are now already in all continents, ha-ha. But also large markets like the Netherlands, Poland or even neighbouring Germany are already so far away that we can save a lot on transport costs if we load the leaves separately on the truck. The gates are then reassembled at our local branches or distributors."





GALA

The highlight of the event was a large gala dinner on Saturday evening. In addition to the specialised dealer days participants, it was attended by around a hundred and fifty additional guests, including friends, family, and acquaintances from the association life. Wagna's Mayor Peter Stradner, state councillor of Styria Barbara Eibinger-Miedl, Chamber of Commerce Director Herbert Ritter and other dignitaries made speeches, the pastor of the local church blessed the new building and then it was finally time: the ribbon was cut, and the new factory was officially opened. Subsequently the guests feasted on a buffet, which was embellished by a magician who passed the tables with various tricks. There was also a ballerina. who performed various flexible challenges high above the guests, first in a hoop and later in a curtain. Holler himself also took to the podium several times, including a word of thanks for everyone who helped make the new factory possible in the first place. "It took quite a bit of effort to be able to start construction at all," he says. "The land on which the factory stands belonged to seven different farmers, all of whom we had to buy out. Then the parcel had to be changed in the zoning plan with the municipality from arable land to an industrial area and then we still had to get a building permit. Without the support of the municipality of Wagna we would not have succeeded." After the official part of the gala, it was again time to party, to bring the event to a fun close.







Locinox presents new gate opener and closer in one



The Veuus is a revolutiou iu pedestriau gates





he Venus is a revolution in the world of pedestrian gates," sales and marketing director Lieven Pieters says. "It's a product that simply didn't exist until now. It adds a lot of extra features to a gate, and makes it much easier to use."

GATE CLOSER

Like the existing hydraulic gate closers in Locinox's range, the new Venus assists in closing the gate leaf. "But because it's electric," Pieters says, "there are more settings you can adjust than just the closing speed and the strength of the final closing movement. For example, you can now set the number of seconds or minutes for the gate leaf to stay open, meaning that users don't need to hold the gate leaf open – they can walk through comfortably before the gate leaf starts to close again."

GATE OPENER

Unlike hydraulic closers, the Venus also controls the gate leaf's opening movement. "Just a little push against the gate is enough," Pieters explains. "The electric motor does the rest. We call it the 'push-and-go' function. You no longer need to push the gate leaf open – which is something that can require a fair amount of force with a hydraulic gate closer, depending on the settings. On top of that, if you combine the Venus with an electric gate keep, you can have it open on command too. You can then connect it to a Slimstone code panel, or any other

signalling device, for example a handheld transmitter, an intercom or a GSM module. The Venus then opens the gate at the touch of a button." The new gate opener features a brushless motor that can be reversed at any stage and has no brake, which is why it's always used in combination with a lock.

APPLICATIONS

The new Venus is intended for all situations in which there is a lot of pedestrian traffic, or where the gate is regularly used by disabled visitors. "The Venus is obviously ideal for wheelchair and walking frame users," Pieters says. "We also see a lot of potential for places such as bicycle parking areas, where it can be difficult to hold the gate open with one hand as you push your bike through with the other. But really the Venus can be used anywhere that there's a lot of foot traffic: public buildings, airports, hospitals, schools... you name it. In those locations a hydraulic closer could slow down the flow of traffic, whereas the Venus opens the gate faster than someone can pass through. And ultimately it's enormously useful as a residential application as well, for private users who need to pass through the gate with bicycles, wheelbarrows, strollers, and heavy shopping bags. The Venus makes this much easier for them."

TECHNOLOGY

The new gate opener is operated by a brushless motor, which automatically releases if it is forced or meets resistance. "If a gate user pushes or pulls too hard on the gate leaf, it's not a problem," Pieters says. "The drive simply allows it to happen. As soon as the external force stops, the electronics redetermine the gate leaf's position and the software begins a new opening or closing movement. The automatic release function also means that in the event of a power outage, you can easily pass through the gate." All components - the steel gears, the motor and motor control, the power supply, a warning lamp and all electronics - are contained in a compact aluminium housing. "It's all-in-one, both literally and figuratively. There's no additional cabinet containing electronics, or for the power supply. And everything has been tested for use from minus thirty through to plus seventy degrees Celsius, so the Venus always works, whatever the weather." The Venus was put through half a million test movements prior to the launch of the new opener at R+T in Stuttgart in late February. During the testing process, not only was the gate opened and closed, but the gate leaf was struck with a force of 500 Newtons.

INSTALLATION

In order to install the new Venus, you need to drill five holes. "The Venus is attached using four Quick-Fix plugs," Pieters says, "two on the gate leaf and two on the post. Then there's another hole needed for the wiring, and that's it. We supply drilling templates along with it." All the settings are configured using an app on your phone. "The Venus has its own Wi-Fi access point. The app establishes a connection to it, which incidentally can only be done if the casing is opened with a key. After that you can set the opening and closing speeds, opening time, and opening force. The app also includes a handy installation wizard that guides you through the installation process." The Venus is available with three different arms: there's an arm for 90-degree opening as well as one for 180 degrees, plus another arm for when the gate leaf is installed between two walls.



SAFE

The forces used for opening and closing are so low that in most cases there are no additional safety strips or photocells required. "It's a so-called low-energy drive," Pieters says. "The built-in obstacle detection senses even the slightest bit of resistance, and immediately reverses the direction of movement. It's impossible to get caught between the gate leaf and the closing post. The housing also has a built-in light that starts flashing immediately when the Venus controller receives an opening or closing signal. The Venus has obtained full approval for use in the EU; the approval process for the United States is underway."

SPECIFICATIONS

The Venus gate opener can be installed on both left- and right-opening gates. It is suitable for gate leaves of up to 1400 millimetres wide and up to 100 kilograms in weight. It fits gate posts of 80 millimetres and wider as standard, and can also be installed on a 60-millimetre post using a special adapter plate. The maximum opening angle is 175 degrees. The Venus is suitable for use with either 110 or 240 volts, and can be supplied with housing of black or clear anodised aluminium. Locinox provides a two-year warranty as standard, while those who register via the app receive a three-year warranty.











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FIRES



28 FEBRUARY 2024

Ski Resort manager fined 600,000 dollar for fatal fence post accident



n New Zealand, NZSki, the operator of the Coronet Peak Ski Area, the Court ordered NZSki to pay 600,000 New Zealand dollar¹ because the company had failed to create a

safety net that prevents skiers from skiing into a fence. The fence stands between a ski slope and a lake and was supposed to prevent skiers from skiing into the lake. NZSki had fitted foam pads to the 10 posts closest to the slope but judged that it was very

unlikely for skiers to hit posts further away. In 2014, an expert authored a report recommending cushioning all the posts. NZSki did not do so, whereupon things went horribly wrong in 2019: Anita Graf, a 60-year-old ski instructor who had previously taught in the area

herself, skied at full speed into one of the posts and died instantly. The court now ruled that NZSki was partly to blame for her death and imposed a fine of 440,000 dollar. In addition, NZSki must pay 130,000 dollar in damages, plus court costs of 28,000 dollar. ■

1) 600,000 New Zealand dollar is about 335,000

Neighbour dispute over fence leads to 163,000 dollar claim





fencing involves insane amounts of money, you know we are talking about Australia. In a previous issue, we wrote about a fence around a school, which was to cost 1.4 million Australian dollar - this time it is about a retaining wall in a private garden costing 163,424 dollar2. What is going on? Jay Hall and his spouse Kirsty built their own home in north-west Sydney in 2018. They raised the garden slightly and built a retaining wall on the property boundary with the neighbours, with a fence on top. According to Jay, his neighbours were fine with 2) 163,424 Australian dollar is about 100,000 euro

true, at least they disagreed once the retaining wall was there. They were able to prove that the wall was 7 centimetres too far on their plot and complained about it to the municipality, Hills Shire, which had issued the permit. Subsequently, Hill Shire Council officials revoked the initial permit for the project and ordered Jay Hall to move the retaining wall. This time, the neighbours did not give permission to do so through their plot, forcing Hall to spend 20,000 dollar to rebuild a retaining wall and fence that initially had cost 15,000 dollar. When Hall had completed this,

that. But even if that was initially

someone from the council came to take a look, whereupon Hall received a letter that everything was now in order. But that was not to the liking of the neighbours, the Flyaks family. They brought Halls before the Land and Environment Court. They felt the retaining wall was not strong enough and the drainage was also not to their liking. The judge agreed with them and ordered the Halls to have the retaining wall and fence removed and rebuilt, but in a better way. And they have to pay the court costs, of course. In an initial cost proposal this came to 163,424 dollar. For a fence. According to Jay Hall, it

is the municipality's fault that his fence was not approved. "I applied for a permit, paid all the fees for it and complied with all the requirements of the municipality," he said. The municipality did not comment on this but did offer to help pay 10,000 dollar towards the new fence. Eh, strange state of affairs there with those Australians. How it ended, we do not know yet. Jay and Kirsty Hall cannot afford the 163,000 dollar, so if the verdict stands, they will have to sell their house to have a retaining wall and fence built for a house that no longer belongs to them. If more becomes known about the case, we will keep you updated.

Farmers learn to place fences

ence workers have a new set of competitors. At least, fence workers in the state of Kentucky in the United States of America. They can pack their bags, because the Kentucky Forage and Grassland Council³, the Kentucky Agricultural Development Fund⁴, and the Kentucky Beef Network⁵, together with the University of Kentucky and Kentucky State University, organised two real Fencing School days in October.

"Fencing is vital on the farm," says Chris Teutsch, professor of the UK Department of Plant and Soil Sciences based at the University of Kentucky's Research and Education Centre in Princeton. He immediately uttered a corruption of the American proverb 'Good Fences, Good Neighbours': "Good fences keep our livestock safe and our animals from getting out and disturbing our neighbours." It is good that there are universities and professors; we would hardly have thought of this idea ourselves otherwise. Anyway, the Kentucky farmers could thus attend a one-day Fencing School for 35

dollar, where they learned in the morning about the types of fences. what they cost approximately and how to put them up. They also received instructions as to what the innovations are in fencing and what fencing laws apply in Kentucky. In the afternoon, there was first hand practice on how to stake posts, make braces and how to stretch and knot mesh. For us fencers, it is fascinating to read that apparently you can learn how to erect fences in Kentucky in one day. Had we known that we would not have had to join a foreman on assembly for years. All kidding aside, we do not think

the fencers in Kentucky are now shivering in a corner of their workshop in fear that they will not get any more orders because the farmers will now set their fences themselves. That is what those farmers were doing anyway - at best, they are doing a little better now. But we do wonder aloud why those farmers' foundations and industry associations brought in the two universities of Kentucky. If you ask us, they would have been better off asking a couple of experienced fencers. Or did the fencers maybe not have time because they were milking the cows? ■



³⁾ An industry association of forage producers 4) A foundation to promote agricultural development

⁵⁾ The Kentucky Beef Network is not a fast-food chain, but a branch of the Kentucky Cattlemen's Association (a trade association) dedicated to helping cattle farmers

Hole in Dingo Fence remains open because of bureaucratic wrangling

or the last article in this column, we go back to Australia. For there you have the Dingo Fence, a 5600-kilometre-long fence that runs right across the continent – we have written about this often. The sheep farmers built this starting in 1860 who wanted to protect their sheep in the south from the dingoes⁶ in the north.

6) The dingo is a feral dog from Australia believed to be descended from the Indian steppe wolf. Humans probably adopted them as pets around 5000 years ago. However, they became feral again and so, as an exotic species, developed a lifestyle similar to that of wolves. Dingoes are much smaller than wolves and have the weight of a medium-sized dog (10 to 15 kilos).

The fence is now under the management of the states, from west to east respectively South Australia, New South Wales and Queensland. Because the fence was in extremely poor condition, about 10 years ago those states began issuing orders to repair or renew it. Large sections have now been completed in the meantime, but on the South Australia-New South Wales border there is a large 32-kilometre gap where the fence is just not being repaired. Already in 2019 the decision was

made to completely renew those 32 kilometres, but because of different fence requirements in the two states, frequent extreme weather conditions and the complexity of the permitting process, the state authorities did not put up any fences for more than four years now. To the great displeasure of sheep farmers, of course, who fear that too large a population of dingoes will break through the fence. Last autumn, there were a couple of meetings between sheep farmers' associations and state

authorities and state authorities promised that construction will now begin soon. Local sheep farmers still have little faith in it, but those who fancy a 32-kilometre job can quietly start inquiring about it.



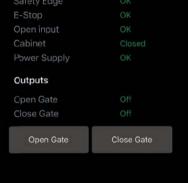


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