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JCB



In our ultra quick speedy, record breaking issue we also talk to Zef Eisenberg about his Speed Freaks show on ITV 4.

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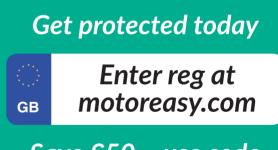
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That's correct, it is Guy Martin on the cover of Free Car Mag yet again. I am sure that he is ecstatic and celebrating wildly at the news. The thing is old Guy does such interesting stuff and making a tractor go jolly fast is huge fun and it's a JCB as well. So no excuses for having a real bloke on the cover.

Influencers get a hard time and mostly that is quite right too as they are a waste of space. However, the charming Super Blondie lady, Alex Hirschi, answered our questions. She is knowledgeable, enthusiastic and is very much one of us when it comes to fast four wheeled motors. Catch her on Insight TV.

Which brings us to Zef Eisenberg. He does the mad fast stuff like Guy and he's paid the price. Oh and come back for more, he was great to interview and we think you will like him and watch his Speed Freaks show on ITV4.

On the fast theme we dwell on the 40th Birthday of the BMW M1. They were and still are, truly fabulous. See you next time.





Cover Credits

carnival Productions, JCB, ITV 4

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News, Events & Celebs

Fernando Alonso Completes Successful Rally-Raid Training With Toyota Gazoo Racing

FERNANDO ALONSO + TOYOTA GAZOO RACING

Having formally announced his intention to prepare for a possible entry in the 2020 Dakar Rally, Fernando Alonso has completed three days of intensive rally-raid training with Toyota Gazoo Racing in the Namibian desert. The reigning FIA World Endurance Champion completed nearly 1,000km at the wheel of the 2019 Dakar-winning Toyota Hilux. Having spent his racing career to date on tarmac, the transition to gravel tracks and sand dunes made for a stern test, but he quickly adapted to the change in terrain. Alonso was mentored in Namibia by former Dakar winner and Toyota Gazoo Racing team-mate Giniel de Villiers, who completed a test session at the same time.



Alonso commented: "I'm very happy with my progress after this week's test and am starting to understand driving in the dunes a lot more. Thanks to the tuition by Glyn and Giniel, we made good progress. My mindset right now is to approach the preparation as an adventure and try to improve step-by-step every time I jump in the car.

"As a racing driver, there's always a competitive spirit inside of me which will come alive at the right time. With so much that I still have to learn, working with an experienced team like Toyota Gazoo Racing takes a really big weight off my shoulders. The team have a proven track record and have been consistent over the years, allowing me to focus on the milestones I need to reach every day."



FLATS AND HOY - GO HEAD-TO-HEAD

Ex-England rugby star David Flatman and six-times Olympic cycling champion, Sir Chris Hoy, have gone head-to-head in the newly launched Caterham Drive Experience (CDX) operated by MotorsportSport Vision (MSV) at Brands Hatch. The acclaimed driving experiences include the chance to learn how to drift one of the lightweight, rear-wheel drive cars or take to the famous Brands Hatch circuit itself, which hosted the British Grand Prix during the 1970s and '80s. After a tense morning of practice and final timed runs – plus plenty of banter – it was cyclist-turned-racing driver Sir Chris Hoy who emerged victorious, setting a time of 20.06 seconds, just one second quicker than ex-Saracens and England ace Flatman. Watch the video of the pair doing CDX battle here: https://youtu.be/2CBgbT5Bl9Q



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SIR CHRIS HOY PAYS TRIBUTE TO COLIN MCRAE

The Olympic track cycling superstar Sir Chris Hoy, MBE will be paying special tribute to his boyhood hero – the late Colin McRae – at Wales Rally GB (3-6 October), the UK's round of the thrilling 2019 FIA World Rally Championship. Since stepping off the saddle in 2013, Hoy has been fuelling his massive passion for motorsport – most prominently when finishing the famous Le Mans 24 Hours in 2016. He attributes this unquenchable fervour for four-wheeled competition almost entirely to watching McRae's swashbuckling heroics on television as a teenager.



SIR CHRIS ON COLIN..

"All young boys dream of racing cars, but it was really Colin McRae and rallying that got me into motorsport as a teen," admits Hoy. "He was just an awesome driver to watch and he became one of my all-time sporting heroes – so much so, that I made a Racing Legends television programme on his remarkable achievements for BBC Two a few years ago.

"He was the best driver of his time and the first-ever British driver to win the World Rally Championship title... but it was the way he did it that made him so special. You couldn't fail to be excited by his approach: full commitment; maximum attack; absolutely flat-out – just spectacular."



Get the look

DOWNTON ABBEY AT A CINEMA NEAR YOU

The continuing saga of the Crawley family and the servants who work for them in the English countryside in the early 20th century. Laura Carmichael plays Edith Cawley and we decided that it was a great idea to try and get her 1920s look. I think we might struggle to get the coachbuilt Bentley she is seen aboard when arriving at Downton. However, there is an alternative. So come on all you flappers, here's how to roll like they did 90 years ago...

Laura Carmichael

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BERGEMPH

ICE

JCB has set a new British speed record for tractors with its high-speed Fastrac tractor with our hero Guy Martin.



Land Speed Record



he tractor notched up 103.6mph at Elvington Airfield, near York, with TV presenter and engineering guru Guy Martin behind the wheel. It smashed the previous 87.27mph record set in March 2018 by Top Gear's Track-Tor.

Guy Martin said: "It had been a great day with the JCB at Elvington, proper job with some right proper engineers. She felt rock steady on the runway, job' s a peach."

A team of JCB engineers has been working on the secret project to develop the tractor over the past few months and today JCB Chairman Lord Bamford praised their "amazing achievement."

He said: "We' ve long harboured a dream to attempt a speed record with the Fastrac and the whole team has worked tirelessly to achieve this amazing result. I' m extremely proud of what they have achieved in such a short space of time. It is British engineering at its best and it really does highlight the skills and innovation we have in our engineering team. They have done a truly fantastic job."

It was Lord Bamford's idea to develop a tractor which had a high road speed capable of field work and the speed record achieved yesterday came exactly 28 years to the day since the first production model rolled off the line.

JCB is no stranger to land speed records. In 2006, its DieselMax streamliner set a new diesel land speed record when it reached 350.092mph on Bonneville Salt Flats in the USA, using two JCB DieselMax engines. It's a record that still stands to this day.

Based on the Staffordshire maker's Fastrac farm tractor, the recordbreaking tractor is powered by JCB's 7.2 litre, 6-cylinder DieselMax engine produced at its factory in Derbyshire. Capable of delivering 1,000hp and 2,500Nm of torque, the Fastrac had been put on a diet and had its aerodynamics enhanced with the help of Williams Advanced Engineering.





Multiple world speed record holder, Zef Eisenberg to front brand new television show, aptly entitled 'Speed Freaks' on ITV4 now. The 6-part TV series follows daredevil Zef Eisenberg as he scours the nation to meet fellow 'Speed Freaks' and glean essential engineering know-how from their incredible 'franken machines'.

Eisenberg best known for his motorbike exploits is a self-proclaimed 'Speed Freak' and no stranger to speed, he currently holds over 40 land speed records including a prestigious Guinness World Record. His records include the world's fastest turbine bike (234mph), the UK's fastest (no-fairing) 'naked' bike (225.6mph), world's fastest motorbike racer on sand ever at 201.5mph to Britain's fastest-ever motorcycle crash at over 230mph. He told Free Car Mag what makes him tick.



Who are you?

Zef: I come from the world of muscle power and strength. It is a highly technical environment involving the human body. I founded Maximuscle and it taught me so much about how to make the body a more powerful and effective machine. I reckoned I could transfer that across to motorbikes and American V8 muscle cars.

So what happened next?

Zef: I moved on from the muscle business in 2011 and went on to really indulge myself in my passion. That's when I took a Rolls Royce Turbine helicopter engine and put it into a motorbike and started breaking land speed records. From there I built the fastest quad bike and set records at the British National Hill Climb.

Then there was that crash?

Zef: The infamous 230mph crash. It made the national news as no one had survived such a high-speed incident. The downside was three months in hospital and three months in a wheelchair. I was told that I would never walk again. I just went and booked the rebuilt bike back into the same circuit and with my new rebuilt titanium body managed to crack 200mph again. Four months later I was back on the sands at Pendine.

So how did the television show come about?

Zef: Well, a documentary focused on my recovery, but it was clear that there was more to all this and the idea of Speed Freaks was born. We were going to chase after records using science a bit of real world drama and explain in plain language how it would all be done. We really did not want to take a slapstick approach which a lot of programmes do now and they come off as very sub Top Gear.

Are you doing this alone?

Zef: Oh no! I needed to get together with likeminded speed freaks that could help me achieve the records. What is important is that there is no script at all, everything is completely real, we ad lib.

Who is this show aimed at?

Zef: Everyone. This is a family show we are not after the nerdy bloke who is into cars, we are aiming to be refreshing, different and introduce real people to the exciting world of motorsport.

Will there be any more Speed Freaks?

Zef: Oh yes. I have a huge list of ideas. There will be a Speed Freaks 2.

So where next for breaking records?

Zef: I do plan to keep my wheels on the ground but I have become interested in Jet Packs...







She's an Influencer with a difference. She actually likes, loves and understands car enthusiasts around the world.

rews with Supercar Blondie. The series follows Alex Hirschi, a.k.a. Supercar Blondie – the supercar and travel loving influencer with a passion for driving, reviewing and showcasing the world's rarest cars – on her journey across the USA to uncover the biggest, loudest, richest and most unique cars, drivers and motoring cultures in the country. From monster trucks in Las Vegas to low riders in Florida Keys, each episode gives a unique insight into a variety of turbo charged vehicles as well as the passion of the community and personalities of the people that drive them.

A global social media celebrity, presenter and vlogger who gets unrivalled access to some of the most exclusive cars in the world, Supercar Blondie has over 500K YouTube subscribers, 2.2 million Instagram followers and more than one billion Facebook views. On this trip, she will be taken out of her comfort zone and will dive into alternative car cultures across America.

In Los Angeles, Supercar Blondie embraces the future with electric hypercars and speeds into the world of illegal street racing. Then she moves onto Houston to roll with the SLAB community. From there, she travels to the bright lights and desolate desert of Las Vegas, where the rat rod crews await. After that to Miami and the lowriders of the Majestics car club. Then she moves onto Detroit, the spiritual birthplace of muscle cars and drag racing, before finally reaching New York City where she will meet the JDM community and learn how to drift.

On this tour across the US, Supercar Blondie will visit people, places and cars that did not exist in her wildest dreams. And guess what? Her passenger seat is free for viewers to come along for the ride.



BMW M1 40 Years

NIK

LAUDA

BRIDGESTONE

Happy Birthday

It's 40 years since the BMW M1 made its debut on the racetrack in arguably the best racing series ever. Procar. BMW Classic brought it back this year as a support series to DTM.



The mid-engined sports car was developed for racing competitions and road registration, and launched in autumn 1978. Since delays in the production process prevented homologation by the deadline, the Managing Director of BMW Motorsport GmbH at the time, Jochen Neerpasch, worked together with the Formula 1 managers Max Moseley and Bernie Ecclestone to create a completely new race series. A total of 19 races were carried in the Procar Series in the years 1979 and 1980 and this developed into an ideal forum for the subsequent success of the BMW M1 in other international competitions.

The Procar races carried out as part of the warm-up programme for the European Grand Prix rounds gave privateer drivers and talented juniors the opportunity to race against the top stars of motor sport in BMW M1 cars with technically identical engineering. The five fastest drivers out of the Formula 1 drivers at the Friday training session qualified in each case to race in the BMW M1. Celebrity drivers like Niki Lauda, Nelson Piquet, Alan Jones, Jacques Laffite and Emerson Fittipaldi loved driving round the thrilling curves with the fast and agile mid-engined racer. The BMW M1 generated 470 hp and the driver's skill was the sole factor in determining who was victorious at the end of the race - this was instrumental in generating maximum excitement at every venue and it helped to make the Procar Series extremely popular. The overall winner of the first Procar season was Niki Lauda. In the following year, Nelson Piquet took first place in the overall standings with three wins in succession. The BMW M1 continued its motor-sport career in other competitions such as the German Automobile Racing Championship and in the American IMSA GTO Championship. As a Group 5 racing car with turbocharger for its inline six-cylinder engine, an output of up to 1000 hp and imposing spoilers, the car also ranked there as one of the most spectacular and successful representatives of its era.

The Procar Series remains the most important chapter in the racing history of the BMW M1 to this day. 30 years after the debut of the mid-engined sports

car, a Procar Revival in 2008 attracted fans of historic motor sport to the Hockenheimring. This circuit was the showplace for a Procar Series race in 1979 and 1980 and a lot of former drivers took the opportunity to try their luck competing in the BMW M1 once again. Another Procar Revival took place before the race for the "Austrian Grand Prix" at the Red Bull Ring in Spielberg two years ago. The Austrian Formula 1 circuit is also among those circuits where races in the legendary Procar Series were held.



BMW M1 40 Years

"I love this car. It's more successful than the artwork"

Andy Warhol

16 freecarmag.com



t took Warhol less than half an hour to create the fourth exhibit in the BMW Art Car Collection. 40 years later, enthusiasm for the mid-engined sports car remains unabated. Already world-famous at that time, the US icon of Pop Art shared the same passion with many automobile fans of that bygone era. And the fascination of the unique special created by Warhol has indeed increased. Many fans regard his Art Car as the highlight of the entire collection. It's therefore hardly surprising that Munich-based automobile photographer Stephan Bauer spontaneously opted for the BMW M1 finished in the Warhol design when he was selecting his dream subject on four wheels. Last year, Bauer (29) emerged as the victor in the Social Media Contest "Shootout 2018" organised by BMW Group Classic and he was given the opportunity for an exclusive photo shoot with BMW Art Car Number Four. A series of photos was created to mark the 40th birthday of the BMW M1 designed by Andy Warhol.

Winner of the BMW Group Classic Social Media Contest showcased the midengined sports car artistically designed 40 years ago at an exclusive photo shoot. Against the backdrop of an old factory building in Cologne, Stephan Butler choreographed a spectacular contrast between the brightly coloured Art Car and the dour grey of the abandoned industrial structure.

Andy Warhol's Art Car proved to be a dream subject for the recent photo shoot in Cologne. The artist himself made things much more difficult for the photographers. 40 years ago, the cameras had hardly been set up when Warhol had already finished painting the bodywork in all the colours of the rainbow. As the artist explained later, his speed was a reflection of the statement made by his work of art: "I attempted to show speed as a visual image. When an automobile is really travelling fast, all the lines and colours are transformed into a blur."

Very soon after the last brush stroke had been applied, the BMW M1 styled by Warhol demonstrated just how fast an artwork can be. In June 1979, the BMW M1 emblazoned with start number 76 competed in the 24 Hour Race of Le Mans. German driver Manfred Winkelhock, and Frenchmen Hervé Poulain and Marcel Mignot drove the Art Car to second place in its class and achieved a ranking of six in the overall standings. **Back-Seat Driver**

ROBOT LEXUS ON THE ROAD



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oyotas are world-famous for their long-lasting quality, with welllooked-after cars capable of clocking up high mileages over many years of dayto-day motoring. To encourage owners to take care of their older vehicles and make the most of their built-in durability and reliability, Toyota has launched the new Toyota 5+ Club, offering valuable discounts on the servicing and MoT bills for cars more than five years old.

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| GT86, Hilux, Land Cruiser | £250 | £200 |
| Proace | £335 | £268 |

Toyota is to start testing its automated driving (AD) technology on public roads with the launch of a programme that will trial its in-house developed systems around the streets of Brussels. The Lexus LS that's being used in the test is a standard production model and it will be driven on regular, open roads. The key difference is that it is fitted with a roofmounted array of sensors, including LIDAR (laser imaging detection and ranging), radars, cameras and a high-precision positioning system. A safety driver travels in the car and can intervene and overrule the AD vehicle control system at any time. They will be accompanied by an operator who will supervise the entire system. The research ties in with Toyota's global vision to create safe, Ever Better Mobility for All. It sees the relationship between driver and car as teammates working together.



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mini 60

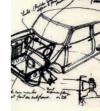


















MINI 60









10 MILLIONTH MINI BUILT



Since the brand's rebirth in 2001 under BMW ownership, sales around the world have gone from strength to strength. Last year nearly 400,000 MINIs were sold in 110 countries across the globe. Hams Hall near Birmingham makes engines, Swindon produces the body pressings and sub- assemblies for MINI, and this all comes together at the Oxford manufacturing plant with body shell production, paint and final assembly.









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Duncan McClure Fisher Founder and CEO

WARRANTY I SERVICE I MOT I REPAIRS I GAP I TYRES





Sculptor and designer Adam Williams has taken inspiration from a very different source for his latest chair collection – classic cars.

CLASSIC CHAIRS

dam had always wanted to use iconic cars from the 60s and 70s in his work, motivated in part by his father George, who was racing manager for Castrol Oil and friends with the likes of Donald Campbell, Stirling Moss and Cobra racing car designer Carroll Shelby.

The overriding desire for Adam was to capture the spirit of an era where elegance in design was foremost and arguably never bettered. Adam took the aerodynamic bodywork and sculptural air vents of these classic cars as his starting point.

Remaining as true as possible to the source, the materials used depend on the car itself. For instance, fibre glass cars such as the Daytona and GT40 are created from a combination of fibre glass and metal. Once the design process is finished, the chairs can be painted in the racing colours of the car or of the client's choice.

Designs commissioned and completed to date include the Daytona, GT40, Ferrari GTO and a 1952 Bentley Continental. Adam is currently designing chairs for a Porsche 917 and a Lamborghini Miura.

www.adamwilliamsdesign.co.uk www.adamwilliamssculpture.co.uk

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There are plenty of smart watches out there but few are as cool as these from the Swedish motorcycle company's rather excellent wrist based computer..

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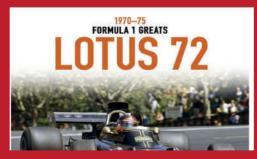
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LIGHTFOOT £149.99 +

Wanted

The Lightfoot connects to your vehicle's computer. It plugs into the OBDII port – every car and van made after 2004 has one. The device itself sits on your dashboard and uses lights and optional audio to tell you how efficiently you're driving. If you are pushing your engine too far and driving inefficiently, you will see the lights go from green to red. First month's subscription is free, after that it is £3.99 a month.

www.mio.com



LOTUS 72 £50.00

This Introduced in 1970, the wedgeshaped Lotus 72 competed for six seasons, winning 20 World Championship Grands Prix, two Drivers' titles (for Jochen Rindt in 1970 and Emerson Fittipaldi in 1972) and three Constructors' titles (in 1970, 1972 and 1973), racing first in Lotus' s evocative red, white and gold livery, then the equally eye-catching black and gold of the John Player Special period

www.evropublishing.com



MONGRIP SENNA WRISTBAND

On the 25th anniversary of Ayrton Senna's death, and in honor of the three-time Formula 1 champion, MONGRIP has announced a unique product for lovers of motorsport and admirers of the Brazilian driver: a simple yet stylish bracelet made from a tyre used by Senna in his most memorable Formula 1 race. The production will be limited to 161 wristbands, Senna's starts in Formula 1, with some proceeds going to the Ayrton Senna Institute www.mongrip.com



Our favourite hatch is back and updated

RENAULT CLIO

Completely redesigned inside and out, the All-New Clio is more spacious and refined than ever, plus it introduces cutting edge driving assistance and infotainment systems to the supermini class. The All-New Clio also continues Renault's strong tradition for safety, having already been awarded a five-star EuroNCAP rating.

Following Renault's simple EasyLife model strategy, the All-New Clio is available in popular Play and Iconic trim levels, as well as new S Edition and R.S. Line versions.

The 'Smart Cockpit' set-up, is made up of a 9.3-inch multimedia screen, standard on S Edition and R.S. Line and optional on the Iconic, plus a 10-inch TFT instrument cluster.

There is a choice of five powertrains, comprising three petrols and one diesel, with hybrid to come in 2020. Free Car Mag can't wait to drive one.





PEUGEOT 208

The all-new 208 is the first vehicle to fulfil PEUGEOT's new philosophy of the power of choice i.e. 'choose your PEUGEOT, choose your powertrain'. Featuring the choice of diesel, petrol or all-electric powertrains, the all-new 208 and e-208 will be available in Active, Allure and GT Line trim levels. The zero-emission e-208 is also available in range-topping GT trim.



HYUNDAI IONIQ

The battery increases in size from 28kWh to 38.3kWh and more powerful motor rising from 88kW to 100kW. There is also driver controlled fully adjustable regenerative braking with 1 pedal driving functionality and smart regenerative braking. This automatically regulates the regenerative braking power depending on road inclination and forward momentum to ensure the smoothest driving experience whilst maximising efficiency and range. It will recharge from flat to 100% charge in 6 hours 5 minutes on a 7kW charger, whilst 80% charge can be achieved on a 50kW within 57 minutes and will provide a range of up to 184 miles.



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All Income

Book News SCRAPBOOK

HEELS MINI-MINOR

Martin Port

Foreword by Paddy Hopkirk MBE



Where rather like this Porter Press scrapbook series. There are times when you just want to dip in and out and just enjoy some great pictures. Here is a book which satisfies the hardcore mini fan and someone, like your dad or brother who is always going on about the one they owned back in the day.

This year marks the 60th anniversary of the Mini – a little car which made a big impact when it was launched in 1959. With its unique combination of aesthetics, space efficiency, engineering approach, and handling, the Mini was the brainchild of genius designer Alec Issigonis, and proved to be an instant hit – not just with the general buying public, but also with celebrities like The Beatles, Twiggy and Peter Sellers, and racers like Sir Stirling Moss. It became a much-loved staple of the British car industry – a position that it has arguably maintained for 60 years and continues to enjoy today. In this latest addition to the Scrapbook series from Porter Press, the story of this unique little car is broken up into accessible nuggets and supported by an extensive array of archive and contemporary photographs, to illustrate just what makes the Mini so special, so loved and such fun! So how is it

divided up? Setting the scene – Discovering why this charismatic little car is so loved around the world.

From concept to reality – Revealing how Alec Issigonis and his team turned their thoughts from rough sketches to prototypes to production cars.

The life of the Mini – Introducing each incarnation of the classic Mini, from 1959 to 2000.

The Mini in competition – Exploring the car's place in motorsport and the famous racers who got behind the wheel.

Popular culture – From celebrity owners to appearances on the silver screen – including Brit cult classic movie The Italian Job.

Tuning the Mini – Delves into a whole host of upgrades and add-ons that were available, including key tuning modifications as demonstrated by Downton, Cooper and Broadspeed.

Mini variants – The Mini was the basis for many, many variations – from the Moke to the Midas, from the slightly strange to the downright absurd.

BMW Mini – Brings us up to date, with a look at 21st century incarnations, including the 60th anniversary model – the latest in a long line of cars to wear the Mini name.

Lots to look at – Lavishly illustrated with hundreds of never-before-seen photographs, documents and memorabilia that document the car's past, present and future.

Get the book at your local bookshop or find it at Porter Press. www.porterpress.co.uk

Also from Porter Press, don't forget what is probably our book of the year The Self Preservation Society. You will love it.

SELF PRESERVATION SOCIETY

50 YEARS OF THE ITALIAN JOB

MATTHEW FIELD

FOREWORD BY SIR MICHAEL CAINE

Next Time

FCN 76 Porsche. We've been meaning to do a special or at least pack the Mag with some superlative Porsche content. That includes this cartoon character and the electric Taycan. As usual though, it could, and probably will change. See you next time.





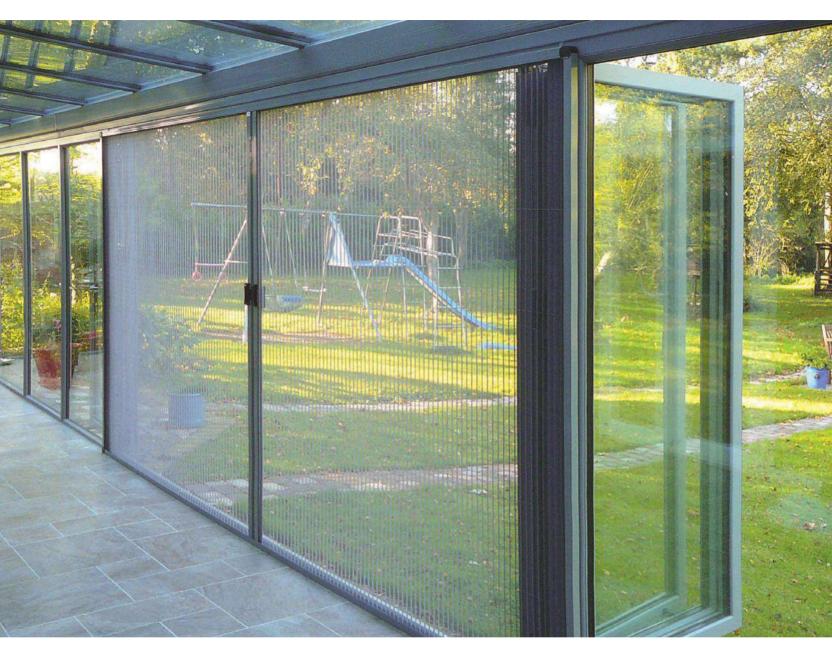




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