TK Roofing Announces New Advancements in Residential Roofing Industry

December 29, 2020

Akron, Ohio - December 29, 2020 -
Akron-based roofing contractors have published a new blog post exploring the revolution in the residential roofing industry. TK Roofing & Gutters regularly publishes informative blog posts to raise awareness about the advancements in roofing and construction. According to Daryl Gentry, the owner of the roofing company, ?Technology is making the job of a roofer safer and more efficient, and it saves companies and their customer's time and money.?

Technological developments in the field have brought drones into the industry as key tools used in roofing inspections. ?The use of drones allows contractors to keep their feet planted firmly on the ground on the job site,? says the owner of TK Roofing & Gutters.

The roofing industry has started to take advantage of robotic technology to add greater efficiency and safety to their projects. The local roofing company leverages robotic technology to assess the safety of damaged roofs through aerial pictures captured by drones or rovers.

Green Roofs are very much a trend these days but constructing a green roof is better left to expert roofing contractors. A green roof is designed to foster the growth of vegetation through the construction of a waterproofing layer as a base, root barrier, and drainage system. This also involves constructing a medium to grow plants. Roofing contractors are responsible for following proper safety protocols to create roof gardens with beautiful plants and water features.

As opposed to the popular opinion that a green roof is ?expensive, leaky, and complicated,? says the lead roofing contractor at TK Roofing & Gutters, adding, ?it is entirely possible to create a sustainable green roof that doesn?t need to cost a fortune with the help of an experienced contractor.?

Technology has enabled the integration of solar panels with roofing materials, resulting in new solar shingles

that blend with the rest of the shingles to create a viable backup power source.

One of the drawbacks of solar shingles, according to Daryl Gentry, is the cost factor and the need for too much sunlight exposure to be effective.

?Your typical roof absorbs the heat from the sun, making it even hotter on the inside of your home. Combine that with poor ventilation, and you might feel like you need a second job just to pay your energy bills.?

TK Roofing & Contractors leverage cool roofing technology with a reflecting coating to cut down on the energy costs during scorching summers. The reflective coating is designed to reflect the heat away from the roof. When the roof does not absorb the heat, it keeps the building cool. In addition to keeping the home cooler during hot summer days, cool roofs remain damage-free from sunlight in the long run.

Another technological innovation in the roofing industry is augmented reality, which, according to the Ohio roofing contractors, creates a virtual roof installation to enable customers to see what their home will look like after construction.

?Augmented reality will let you point your smartphone camera toward your home, "install" your new roof in real-time, and view it from any angle.? Roofing technology is meant to facilitate the task of constructing safe and efficient roofs. An increasing number of roofing contractors are adopting technology to provide better services for clients.

TK Roofing & Gutters prides itself on its craftsmanship and precision while embracing new technologies that are transforming the roofing industry.

The fully insured and bonded roofing company is based in Akron, Ohio, and has over 25 years of experience staying ahead of the roofing industry curve. Roofing contractors in the company have earned a reputation for their reliable roofing services across a range of properties, from rubber roofing to single and multi-homes, flat roofs, and asphalt shingles.

https://www.youtube.com/embed/JaRa8Zmy2CQ

Anyone looking for the best residential roofing contractor in Akron for a new roof, gutter, or roof repairs might want to get in touch with TK Roofing and Gutters through their website. The company is just a phone call away on (330) 525-8607.

###

For more information about TK Roofing & Gutters, contact the company here:TK Roofing & GuttersDaryl Gentry(330) 525-8607info@tkroofingandgutters.com3256 S Main St, Akron, OH 44319

```
[
  {
    "@context": "http://schema.org",
    "@type": "BlogPosting",
    "keywords": [
      "best roofing company",
      "best roofing contractors",
      "how technology is changing the roofing industry",
      "roofing company",
      "roofing contractors",
      "roofing technology"
    ],
    "timeRequired": "P0Y0M0DT0H7M0S",
    "mentions": [
      "https://en.wikipedia.org/wiki/Asphalt_shingle",
      "https://en.wikipedia.org/wiki/Augmented_reality",
      "https://en.wikipedia.org/wiki/Building-integrated_photovoltaics",
      "https://en.wikipedia.org/wiki/Domestic_roof_construction#Gallery",
      "https://en.wikipedia.org/wiki/Green_roof",
      "https://en.wikipedia.org/wiki/Photovoltaic",
      "https://en.wikipedia.org/wiki/Reflective_surfaces_(climate_engineering)",
      "https://en.wikipedia.org/wiki/Roof",
      "https://en.wikipedia.org/wiki/Roof_shingle",
      "https://en.wikipedia.org/wiki/Roofer",
      "https://en.wikipedia.org/wiki/Smartphone",
      "https://en.wikipedia.org/wiki/Solar_panel",
      "https://en.wikipedia.org/wiki/Solar_shingle",
      "https://en.wikipedia.org/wiki/Unmanned_aerial_vehicle",
      "https://en.wikipedia.org/wiki/Virtual_reality"
    ],
    "isAccessibleForFree": true,
    "isFamilyFriendly": true,
    "about": [
      "https://en.wikipedia.org/wiki/Domestic_roof_construction",
      "https://en.wikipedia.org/wiki/Roof",
      "https://en.wikipedia.org/wiki/Roofer"
    ],
```

"inLanguage": "English",
"image": "https://www.tkroofingandgutters.com/hs-fs/hubfs/drone.jpg?width=1200&name=drone.jpg",
"sameAs": [

"https://sites.google.com/view/tkroofingandguttersroofingcooh/blog/how-technology-is-changing-the-roofing-industry",
"https://youtu.be/JaRa8Zmy2CQ"
],
"url": "https://www.tkroofingandgutters.com/blog/how-is-technology-changing-the-roofing-industry",
"alternativeHeadline": "See How Roofing Technology is Changing the Roofing Industry",
"description": "Technology is changing how the roofing industry operates. Making the job safer and more efficient as well as extending the life of your roof. ",
"name": "How Is Technology Changing The Roofing Industry",
"datePublished": "2020-12-14T09:39:00-05:00",
"audience": "People looking to replace their roof",
"headline": "How Is Technology Changing The Roofing Industry?",
"dateModified": "2020-12-14T09:40:00-05:00",
"articleBody": "Technology has become an essential part of our lives. We don't go anywhere without a supercomputer in the form of a smartphone in our pockets, and there's not a day that goes by when we aren't in front of some type of computer. Siri and Alexa have made our lives easier, and we rely on innovation and new technologies now more than we ever have. And, it's not just our personal lives that our evolving because of technologies. Technology is also revolutionizing entire industries, and the roofing industry is no exception. Roofing professionals have been receptive to different methods of performing their tried and true procedures, allowing technology to enhance roofing businesses across the country. Technology is making the job of a roofer safer and more efficient, and it saves companies and their customer's money and time. In the article below, we will look at some innovations that are revolutionizing the residential roofing industry. Drones Drones went from being an expensive piece of new technology that only a few people could afford to being toys for kids. But drones have efficient uses in several industries, including the roofing industry. Retailers use drones to make home deliveries, and filmmakers use drones to capture shots that once required a helicopter. In the roofing industry, drones are being used to perform roofing inspections. Drones are also much safer than the old way of performing a roofing inspection because no one has to climb up a ladder onto the roof. The use of drones allows contractors to keep their feet planted firmly on the ground on the job site. Robots and Roofing Robots have been used in industries like the automobile industry for years to streamline production. The roofing industry is beginning to dip their toes in this technology to make projects safer and more efficient. Robots in the form of rovers are used to take pictures of damaged roofs to assess them and build estimates. Some robots can even install certain items during the construction phase of a roofing project. Green Roofs A green roof is a roof that fosters the growth of vegetation. Green roofs consist of a waterproofing layer, a root barrier, a drainage system, and a medium to grow the plants. Roof gardens can be

accessible and include large plants and water features. Green roofs are believed to be expensive, leaky, and complicated to build, making them slower to be widely adopted. However, a green roof isn't much more complicated to construct than a typical roof. It is entirely possible to create a sustainable green roof that doesn?t need to cost a fortune with the help of an experienced contractor. Solar Shingles The integration of building-integrated photovoltaics, or BIVPs, means that solar panels can now be combined with other roofing materials to create new solar shingles. When most people think of solar panels, they think of huge panels that weigh down your roof and that aren't very efficient. But solar shingles blend in with the rest of your shingles and are efficient enough to be a viable backup power source. But, like any other solar panel, solar shingles still need a lot of sunlight to be effective, and they are still pretty expensive. Cool Roofs With climate change and temperatures rising, our energy bills are skyrocketing as we try to keep our homes cool. Your typical roof absorbs the heat from the sun, making it even hotter on the inside of your home. Combine that with poor ventilation, and you might feel like you need a second job just to pay your energy bills. Cool roof technology is a great way to keep your energy costs low during the scorching summers. Cool roofing technology consists of a reflective coating that reflects the heat away from your roof instead of absorbing it. In addition to keeping your home cooler during the summer, cool roofs will help prevent damage caused by the sunlight in the long run. Augmented Reality Augmented reality is a technology that allows live video to change the environment around you. This technology allows residential roofing contractors to create a virtual roof installation that will enable their customers to see what their home will look like with their new roof. Augmented reality will let you point your smartphone camera toward your home, \"install\" your new roof in real-time, and view it from any angle. The Future Of Roofing Roofing will always be an industry that prides itself on craftsmanship and precision. However, the industry is also embracing new technologies that are changing the world, allowing significant advances to be made in the way roofers communicate, work, and interact with their customers. Roofing technology is allowing roofing contractors to provide better services for their clients while enhancing their bottom line and staying safer. Technology is changing the roofing industry, and everyone stands to benefit from these advances. Contact TK Roofing and Gutters If you need a new roof, roof repairs, or a new gutter system, and you want to work with a roofing contractor that takes full advantage of new technologies, contact TK Roofing and Gutters. TK Roofing offers the longest, most dependable warranties on the market. With experienced craftsmen, a \"customer first\" mentality, and affordable prices, they will make your home improvement projects a breeze. Contact Us by calling (330) 858-2616 or click the button below to set up a free inspection and quote!",

"author": {
"@type": "Person",
"sameAs": "https://www.facebook.com/daryl.gentrylindsay",
"name": "Daryl Gentry",
"url": "https://www.tkroofingandgutters.com/about-tk-roofing",
"description": "Daryl Gentry is the founder of TK Roofing and Gutters, a premier roofing contractor serving all of Ohio.",
"@id": "https://www.tkroofingandgutters.com/#Person1"

```
    },
    "publisher": {
      "@type": "Organization",
      "sameAs": [
        "https://sites.google.com/view/tkroofingandguttersroofingcooh/",
        "https://tkroofingandgutters.business.site/",
        "https://tkroofingandgutters.tumblr.com/",
        "https://twitter.com/gutterstk",
        "https://www.angieslist.com/companylist/us/oh/akron/tk-roofing-and-gutters-reviews-9819644.htm",

"https://www.bbb.org/us/oh/akron/profile/roofing-contractors/tk-roofing-and-gutters-0272-235828502",
        "https://www.facebook.com/TKRoofingandGutters/",
        "https://www.mapquest.com/us/ohio/tk-roofing-gutters-425565323",
        "https://www.yelp.com/biz/tk-roofing-and-gutters-akron"
      ],
       "description": "\"We are a Fully Insured Roofing and Gutter Installation Company with over 25 Years of Experience. We are the best Roofing and Gutter Company near you. Ohio's Premiere Roofing and Gutter Company. Call today for a free consultation. We are a local Akron, Ohio company that services all of Northeast Ohio. We have affordable cash plans available and work with all insurance companies. Luxury Roofs is what we do. We handle everything so you don't have too. Call Ohio's Top Rated Roofing Company today for a no obligation free consultation.\"",
      "logo": "https://www.tkroofingandgutters.com/hs-fs/hubfs/TK6.png?width=400&name=TK6.png",
      "name": "TK ROOFING AND GUTTERS",
      "contactPoint": "https://www.tkroofingandgutters.com/#ContactPoint",
      "url": "https://www.tkroofingandgutters.com/",
      "@id": "https://www.tkroofingandgutters.com/#Organization"
    },
    "mainEntityOfPage": {
      "@id": "https://www.tkroofingandgutters.com/blog/how-is-technology-changing-the-roofing-industry"
    },
    "video": {
      "@type": "VideoObject",
      "duration": "P0Y0M0DT0H3M15S",
      "contentUrl": "https://www.youtube.com/watch?v=JaRa8Zmy2CQ&t=69s",
      "description": "Technology has become an essential part of our lives.  We don't go anywhere without a supercomputer in the form of a smartphone in our pockets, and there's not a day that goes by when we aren't in front of some type of computer.  Siri and Alexa have made our lives easier, and we rely on innovation and new technologies now more than we ever have.  And, it's not just our personal lives that our evolving just
```

because of technologies. Technology is also revolutionizing entire industries, and the roofing industry is no exception. Roofing professionals have been receptive to different methods of performing their tired and true procedures, allowing technology to enhance roofing businesses across the country. Technology is making the job of a roofer much safer and more efficient, and it saves companies and their customer's money and time. In this video, we will look at some innovations that are revolutionizing the roofing industry.",
"name": "How Is Technology Changing The Roofing Industry",
"embedUrl": "https://www.youtube.com/embed/JaRa8Zmy2CQ",
"thumbnailUrl": "https://www.tkroofingandgutters.com/hs-fs/hubfs/drone.jpg?width=1200&name=drone.jpg",
"uploadDate": "2020-12-09",
"@id": "https://www.tkroofingandgutters.com/blog/how-is-technology-changing-the-roofing-industry#VideoObject"
},
"@id": "https://www.tkroofingandgutters.com/blog/how-is-technology-changing-the-roofing-industry"
},
{
"@context": "http://schema.org",
"@type": "WebPage",
"isPartOf": {
"@type": "WebSite",
"url": "https://www.tkroofingandgutters.com/",
"name": "TK Roofing and Gutters",
"@id": "https://www.tkroofingandgutters.com/#WebSite"
},
"about": [
"https://en.wikipedia.org/wiki/Domestic_roof_construction",
"https://en.wikipedia.org/wiki/Roof",
"https://en.wikipedia.org/wiki/Roofer"
],
"url": "https://www.tkroofingandgutters.com/blog/how-is-technology-changing-the-roofing-industry",
"name": "How Is Technology Changing The Roofing Industry",
"headline": "How Technology Is Changing The Roofing Industry",
"alternativeHeadline": "How The Roofing Industry Is Benefiting From Advances In Technology",
"@id": "https://www.tkroofingandgutters.com/blog/how-is-technology-changing-the-roofing-industry#WebPage"
}
]

TK Roofing & Gutters

Since 2007 TK Roofing And Gutters have been providing local homeowners with the roofing solutions they need. With 13 years of experience, the skilled roofers at TK have been helping the residents of Northeast Ohio replace, repair and install their roofs.

Website: https://www.tkroofingandgutters.com/

Email: info@tkroofingandgutters.com

Phone: (330) 525-8607