

SMARTWATER® INFORMATION FOR CHURCHES



What is SmartWater®?

- ✓ SmartWater SmartTrace is a clear liquid applied to external metals such as lead roof sheets and flashing - as well as valuable items inside the church.
- ✓ However, the liquid contains a hidden forensic code, which provides a unique link back to the church if the marked metal is stolen and then recovered by the Police.
- ✓ The liquid is easy to apply and near impossible to remove.
- ✓ Glows bright yellow-green under ultraviolet (UV) light, which is how it is detected by the thousands of police officers already equipped to detect SmartTrace.
- ✓ The liquid is warranted to last for 5 years from date of application (when applied in line with the application instructions).
- ✓ SmartWater property marking packs which also include deterrent signage, are available to Ecclesiastical policyholders at a discounted rate.
- ✓ 74% of criminals said they would not commit a crime at a location displaying SmartWater deterrent signage*.



SmartTrace liquid shown glowing under UV light on a lead roof.

**Perpetuity Research and Consultancy. An Evaluation of SmartWater: Offenders' Perspectives*

What makes SmartWater different?



✓ GRADE A ROBUSTNESS

SmartWater was the **first** forensic liquid product to attain a grade A rating under British Standards Institution PAS 820:2012 -- guaranteeing application to last for 5 years (even when used outdoors). Simply put, there is not a more robust forensic liquid on the market.



✓ 100% CONVICTION RATE

SmartWater is the **ONLY** forensic technology used in evidence to **jail thousands of criminals** to date, and retains a 100% conviction rate in Court.



✓ RELIABLE IN COURT

SmartWater is the **ONLY** forensic liquid supplier to have its processes around evidence analysis be **independently accredited** by UKAS as compliant with the **Forensic Science Regulator's Codes Of Practice**.

✓ MARKET LEADER

DeterTech is the **market leader** in forensic security and SmartWater is arguably the UK's most powerful deterrent, delivering many crime reduction successes over the last 20 years.

✓ RECOMMENDED BY THE CII

SmartWater is the **ONLY** forensic technology recommended to Insurers by the Chartered Insurance Institute.



Where should SmartTrace be applied?



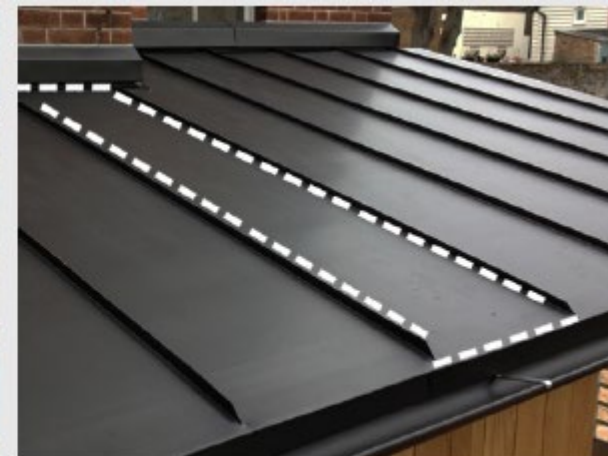
- ✓ When marking a lead roof or flashing it is always best to mark the underside of the lead. If this is not possible use the spray attachment provided with your bottle of SmartTrace liquid to spray edges and rough surfaces.
- ✓ Where possible, SmartTrace should be applied directly to the surface of the metal. Applying SmartTrace on top of a 'barrier' such as patination oil could affect the adherence and allow for easier removal, though it will not directly impede detection. Again, we would recommend that SmartTrace could be applied to the untreated underside, providing this is accessible.
- ✓ Please refer to the below images for further guidance on how to mark typical external metal structures. PLEASE NOTE – the dotted line is purely for illustrative purposes – SmartTrace should ideally be applied by spraying in a continuous line as indicated in the images below.
- ✓ SmartTrace can be applied by virtually anyone and no special / formal training is required. In some cases, the church may wish to employ the services of a contractor, hire scaffolding or large ladders to apply SmartWater. Anyone considering working at height to apply SmartWater should make sure that they read any working at height guidance beforehand.



DOWNPIPES



FLASHING



LEAD SHEETS

Frequently asked questions



CAN A SINGLE SUPPLY OF SMARTTRACE BE APPLIED TO MULTIPLE CHURCH BUILDINGS?

SmartTrace can be used on multiple buildings associated with each other, (e.g., a church and its church hall) provided they are in reasonably close proximity, (i.e., on the same site or adjacent to one another). However, the same supply of SmartTrace cannot be used on two different churches, regardless of their proximity.

CAN I APPLY SMARTTRACE IF THE ROOF HAS ALREADY BEEN, OR IS GOING TO BE, TREATED BY PATINATION OIL?

Where possible, we would always recommend that SmartTrace is applied directly to the surface of the metal. Applying SmartTrace on top of a 'barrier' such as patination oil could affect the adherence and allow for easier removal, though it will not prevent detection of the liquid under UV light. As an alternative, SmartTrace could be applied to the untreated underside, so long as there is access.

WHAT HAPPENS IF I SELL METAL WHICH HAS BEEN MARKED WITH SMARTTRACE?

If lead or copper is legitimately removed from the roof by approved contractors, they should be provided with a letter or receipt of ownership to show at the scrap metal merchants.

ONCE APPLIED, WILL SMARTTRACE TRANSFER ONTO ANYONE WHO LEGITIMATELY COMES INTO CONTACT WITH IT?

Your SmartTrace liquid is not designed to be removed and is therefore non-transferable. Although, the messaging used on the supplied deterrent signage does not allude to what type of SmartWater product is in use, creating uncertainty in the criminal's mind and furthering the deterrent.

IS DETERRENT SIGNAGE INCLUDED AND WHERE SHOULD THIS BE PLACED?

Yes, and it is important that signage be prominently displayed around your church to warn thieves that the location is protected, and that external metals and other valuables are traceable if stolen. Criminals hate traceability because it increases their chances of detection and arrest. Consequently, they are more likely to avoid anything that they know is marked with SmartTrace.

Frequently asked questions

WHAT SIGNAGE IS INCLUDED?

Weather resistant A5 correx signs

These signs should be used as your first line of defence against thieves. They are the largest type of signage provided to churches, so are the easiest to see. Use them around the perimeter of your grounds as well as at access points to buildings.

Their purpose is to alert criminals to the presence of SmartWater and deter them before any actual crime can take place. Signage may also be placed on exterior noticeboards. It is not recommended that signboards be displayed on interior noticeboards as they are unlikely to be seen by criminals until it is too late.



Frequently asked questions

WHAT SIGNAGE IS INCLUDED?

Weather resistant vinyl labels

It is recommended that vinyl labels are displayed at eye-line level in locations where a criminal may seek to gain direct access to the roof. They can also be placed on large exterior assets that may be targeted by thieves, such as downpipes.



Remember, thieves will often disguise themselves as legitimate workmen, wearing high-visibility jackets and using ladders to steal lead. Therefore it's important that labels are used in close proximity to areas where criminals can easiest gain roof access. They may also use wheelie bins to gain roof access, so these should be securely stored away when not in use.

Frequently asked questions



WHAT SIGNAGE IS INCLUDED?

Peel and tamper resistant labels

SmartTrace isn't just for protecting exterior metals, it can also be used to protect all kinds of valuables stored inside. Tamper-resistant labels should be displayed on items that may be targeted by thieves during a burglary, such as ornaments, as well as IT equipment, tools and sound equipment.



Tamper-resistant labels are designed to be very difficult to remove and will not simply peel off. You should make use of these labels on items that have a high value or may be taken off site for official business, such as tablets and cameras.

What packs are available?

Church Internal Items Pack (DT003) **£48 (inclusive of delivery and VAT)**

- 1 x SmartTrace forensic liquid, sufficient to mark 80-100 items
- 2 x large weather resistant deterrent labels (135x115mm)
- 4 x oval interior window deterrent label (40x60mm)
- 8 x oval weather resistant deterrent label (40x60mm)
- 6 x small interior window deterrent labels (68x76mm)
- 48 x KC020 (Peel and tamper proof resistant label 20mm)

Application method:

- Deer foot applicator – 80-100 marks

To purchase online please visit:

<https://shop.smartwater.com/ecclesiastical-insurance/>



What packs are available?

Small Property Pack (DT006) £81 (inclusive of delivery and VAT)

- 1 x 50ml SmartTrace forensic liquid, with spray bottle, brushes and application instructions
- 4 x A5 size weather resistant deterrent signs
- 10 x large weather resistant deterrent labels (135x115mm)
- 4 x large double sided window deterrent label (135x115mm)
- 5 x small interior window deterrent labels (68x76mm)
- 24 x KC020 (Peel and tamper proof resistant label 20mm)
- 10 x KC096 (Self laminating wire and cable marker)

Application methods:

- ¼ Brush - 1,000 marks 5cm
- Spray - 15m² metres (stonework/lead)
- Spray - 50 linear metres (metals)

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DT006 - 50ml Small Property Pack



What packs are available?

Medium Property Pack (DT007) £201 (inclusive of delivery and VAT)

- 1 x 200ml SmartTrace forensic liquid, with spray bottle, brushes and application instructions
- 4 x A5 size weather resistant deterrent signs
- 4 x large double sided interior window deterrent labels (115x135mm)
- 5 x small interior window deterrent labels (68x76mm)
- 10 x large weather resistant deterrent labels (115x135mm)
- 54 x KC020 (Peel and tamper proof resistant label 20mm)
- 40 x KC096 (Self laminating wire and cable marker)

Application methods:

- ¼ Brush - 8,000 marks 5cm
- ½ Brush – 250 linear metres (continuous line)
- Spray (stream setting) - 50m² or 250 linear metres
- Spray (spray setting) – 142m² or 200 linear metres

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What packs are available?



Large Property Pack (DT010) £321 (inclusive of delivery and VAT)

1 x 500ml SmartTrace forensic liquid, with spray bottle, brushes and application instructions
4 x A5 size weather resistant deterrent signs
20 x large weather resistant deterrent labels (115x135mm)
8 x large double sided window deterrent label (115x135mm)
10 x small interior window deterrent labels (68x76mm)
180 x KC020 (Peel and tamper proof resistant label 20mm)
60 x KC096 (Self laminating wire and cable marker)

Application methods:

- ¼ Brush - 20,000 marks 5cm
- ½ Brush 625 metres 20mm Continuous Line, 5m²
- Spray (stream setting) - 125m² or 625 linear metres
- Spray (spray setting) – 350m² or 500 linear metres

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What costs does Ecclesiastical cover?



Ecclesiastical Insurance covers the registration fees for all church insurance policy holders which means you are covered for the following:

- Database registration of the unique forensic code together with the Church's address details on our secure ISO27001 accredited database.
- The right to display SmartWater THIEVES BEWARE® deterrent signage in and around the Church.
- Free forensic analysis at our ISO17025-accredited laboratory of stolen items / metal recovered by police to conclusively prove ownership.
- Our trained expert witnesses will attend Court on the Church's behalf to support criminal prosecutions and the recovery of stolen property by police if the Church experiences a theft.

Contact Details

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