

Solar Water Heating Consents

Solar Water Heater Installation Forum, 31 July
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Group/Unit



Hamilton City Council's requirements

- G12/AS2 – needs to satisfy AS/NZS 2712
- Certified by an independent testing authority
- If not, HamiltonCity Council will assess on a case by case basis
- Offering FREE consent for Retro Fit



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Checklist

- An application should contain the following:
- Property address of building
- Legal description – Lot and DP
- Owners name, contact details, address
- Agent's name, company name, street and mailing address, phone numbers
- Certificate of title – less than 3 months old
- Application fee, \$0.00

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Plan and equipment details

- Site plan
- Floor plan – HWC location, smoke detectors
- Roof plan – location of solar panels
- Connection and waterproofing details
- Solar heater – make and model
- Hot water cylinder – new or existing?
- Tempering valve – new or existing?
- Are the panels/system approved?
- If not, show evidence to comply with AS/NZS 2712

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Structural details

- Solar panel on frame – relevant elevations showing recession plane
- Solar panel and HWC on roof
 - supply project specific producer statement design or calculations
 - show existing structure is suitable for additional load



Eco Design aspects

- Hamilton City Council has an Eco Design Advice service
- We will look for sensible design of systems
- Key is to look at the whole house, thermal envelope as well as water use
- Important to ensure homes are water efficient



Installation advice

- We do not recommend particular installers or brands, instead suggest people visit www.solarsmarter.org.nz
- We provide a series of questions for people to ask of installers, suppliers and tradespeople
- We ask people to check what controls and operating manuals are provided, e.g. timers, thermostats, and where they are positioned

