

# ASA CATALOG OF SERVICES AND PRODUCTS

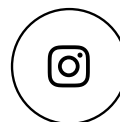
- Who We Are
- Membership
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- Contractor Qualification
- Nozzleman Certification
- Inspector Certification
- *Shotcrete* magazine
- ASA Buyers Guide
- On-site Learning Seminars (AIA CES provider)
- Submit Project for Bid
- Products


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shotcrete  
association | ASA

[www.shotcrete.org](http://www.shotcrete.org)

248.848.3780  
[info@shotcrete.org](mailto:info@shotcrete.org)

38800 Country Club Drive  
Farmington Hills, MI 48331





*ASA's recognized outreach  
and leadership in the  
shotcrete industry are  
driven by members  
sharing the interest of  
advancing the use of  
shotcrete*

# Shoot for new heights and become an ASA CORPORATE OR SUSTAINING CORPORATE MEMBER

## Elevate your business

- **NETWORK** with your peers in the shotcrete industry
- **STAY CURRENT** on the latest shotcrete industry trends, strategies, challenges, and opportunities
- Receive **PROJECT LEADS** through project bid alerts and project listings
- Gain **EXPOSURE** through a variety of tools available to corporate members, such as a listing in the ASA Buyers Guide—enhanced for Sustaining Corporate Members
- **INFLUENCE** ASA's direction in serving members and growing the industry
- **SAVE** significantly on ASA products and services

### Two options for Sustaining Corporate Membership:

Have up to **FOUR CONTACTS** associated with this membership, allowing voting privileges in committee work (pending acceptance on the committee) and director/officer elections, as well as notification of Online Bid Submittal requests.

OR

**(NEW)** Have **TWO COMPANIES** (parent/subsidiary companies) associated with this membership, allowing both companies to be displayed in ASA's online Buyers Guide and each enjoying full promotional Corporate Member benefits, with only **ONE** contact associated with both companies.

## Elevate your industry

- **EDUCATE** the construction world on the advantages of the shotcrete process through Onsite Learning Seminars to engineers and specifiers
- **PROMOTE** the benefits of shotcrete at national trade shows
- **COORDINATE** proper specification of shotcrete in private and public specifications and national codes and standards
- **ENGAGE** DOT and other Public Authority officials with a variety of ASA resources and outreach efforts
- Take advantage of **TARGETED MARKETING** in national and regional organizations and publications
- **ENABLE** owners and specifiers to embrace shotcrete with a portfolio of tools designed to give them an understanding of and confidence in the shotcrete process

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For more information on ASA membership,  
visit [www.shotcrete.org/membership](http://www.shotcrete.org/membership)

## Who We Are

The American Shotcrete Association (ASA), formed in March 1998, is a nonprofit organization of contractors, manufacturers, engineers, owners, educators, students, and others with a common interest in promoting the use of shotcrete. The purpose of the organization is as follows:

- Educate the construction community as to the benefits of the use of shotcrete;
- Encourage and promote the use of shotcrete by providing useful and accurate information to the concrete specifying and purchasing communities;
- Support and promote the education and training of those in the shotcrete industry and the proper methods, materials, and techniques to obtain high-quality shotcrete; and
- Strive to maintain the highest standards of ethics and conduct for the members of the association.

ASA committee meetings are held in face-to-face and web meetings throughout the year. Face-to-face committee meetings are open to the public and ASA welcomes and encourages the participation of all those interested in the shotcrete industry.

The Association's many standing committees and corresponding missions include:

### **CONTRACTOR QUALIFICATION COMMITTEE**

Mission Statement: To develop and maintain ASA's Contractor Qualification Program

### **EDUCATION COMMITTEE**

Mission Statement: To provide shotcrete education, training, and certification.

### **MARKETING COMMITTEE**

Mission Statement: To ensure that shotcrete has its "market share" in concrete construction.

### **MEMBERSHIP COMMITTEE**

Mission Statement: To broaden and engage the ASA membership base.

### **POOL & RECREATIONAL SHOTCRETE COMMITTEE**

Mission Statement: To educate and promote the proper use and application of shotcrete to the swimming pool and recreational shotcrete industry.

### **SAFETY COMMITTEE**

Mission Statement: To explore and communicate safety issues within the shotcrete industry.

### **TECHNICAL COMMITTEE**

Mission Statement: To oversee the technical activities of ASA, including the review and evaluation of technical presentations, publications, and handouts, and the appraisal of research projects under consideration for ASA sponsorship.

### **UNDERGROUND COMMITTEE**

Mission Statement: To educate and promote the use and proper application of shotcrete to the underground construction and mining industries.

## ASA Membership Benefits

Membership supports the mission of ASA to provide knowledge, resources, qualification, certification, education, and leadership to increase the acceptance, quality, and safe practices of the shotcrete process.

	Sustaining Corporate	Corporate	Sustaining*Corporate - Additional Individual	Individual	Nozzleman	Employees of Public Authorities / Agencies	Student
<b>Annual Dues</b> <i>(Sustaining Corporate membership includes three Corporate Additional Individual memberships and special recognition in ASA's Buyers Guide and on the ASA website)</i>	\$1125	\$875	\$100	\$300	\$50	Free	Free
Company and specialty information listed in ASA's online Buyers Guide	X	X					
Discount on ACI Shotcrete Nozzleman Certification and Education	X	X					
Opportunity to be featured as either a Sustaining Corporate or Corporate Member Profile, respectively, in <i>Shotcrete</i> magazine	X	X					
Opportunity to submit items for Industry News and New Products & Processes sections of <i>Shotcrete</i> magazine at no charge	X	X	X			X	
Discounted ASA member prices on all ASA products	X	X	X	X	X	X	X
Contacts to receive bid requests from our Online Project Bid Request Tool	4	1	1				
Subscription to quarterly <i>Shotcrete</i> magazine (hard and electronic copy)	X	X	X	X	X*	X	X*
Permission to include ASA logo on corporate letterhead and business cards	X	X	X	X			
Permission to display ASA logo on company website	X	X					
Discounted pricing on advertising in <i>Shotcrete</i> magazine, including free linked logo advertising from the ASA website during your advertising quarter	X	X	X	X		X	
Voting privileges at committee meetings and director/officer elections	4	1	1	1			
Fulfills membership requirement for ASA's annual Outstanding Shotcrete Project Awards Program	X	X					
Complimentary annual Onsite Learning Seminars <sup>†</sup>	2	1				1	
Corporate Additional Individual memberships are available for company employees (\$200 savings per employee)	X	X					
Complimentary copy of ASA's "Safety Guidelines for Shotcrete" in either protected PDF or hard-copy format	1	1					
Complimentary copy of ASA's annual Nozzleman Compilation each year					1		
Complimentary ASA shotcrete brochure each year	25	25	5	5		5	
Complimentary ASA reflective hardhat sticker each year	10	10	1	1	1		

\*Members outside North America will only receive electronic copies

<sup>†</sup>Further education for in-house, specifiers, or government agencies (1-2 hours)

\*Membership dates for this category are now aligned with parent membership.

## Outstanding Shotcrete Project Awards

Pursuing an ASA Outstanding Shotcrete Project Award is not only a smart move for your organization but also good for the shotcrete industry. The ASA Awards program offers your organization a unique and unmatched amount of exposure. In addition, the awards program and the annual awards issue of *Shotcrete* magazine are very important tools to inform and educate the construction world about the versatility and benefits of the shotcrete method of placing concrete.

**For more information and to view articles on past award winners, visit:**

[www.Shotcrete.org/ASAOutstandingProjects](http://www.Shotcrete.org/ASAOutstandingProjects)

### Categories

Six categories were chosen to ensure that all areas of the shotcrete industry have the opportunity to be nominated for an award. These categories are:

- Architecture | New Construction
- Infrastructure
- International Projects
- Pool & Recreational
- Rehabilitation & Repair
- Underground



**GRAB YOUR CAMERA**  
Working on an interesting shotcrete project?  
Proud of the work you shoot?  
**TAKE A PICTURE!**

Take several! From beginning to end, photos add a lot to the story. If you have high-quality/print-resolution photos to support the work you do, enter your project for ASA's Outstanding Shotcrete Project Awards Program. So start taking pictures today!



# SHOTCRETE CONTRACTOR QUALIFICATION



## STEP 1: Educational Seminar

### WHY:

- Specifiers, owners and designers— Obtain a valuable prequalification tool from a respected, experienced group.
- Gain the credibility of having your company's work audited by the American Shotcrete Association.
- Standout from your peers.

## STEP 2: Complete Contractor Qualification Application

<https://asacq.secure-platform.com:443/a/solicitations/1002/home>

### WHO:

- All shotcrete contractors—provides best practices for your success.
- Companies pursuing qualification— this required seminar will also provide guidance for completing the application.
- Qualifying individuals—from companies pursuing qualification, the required written exam will also be available.
- Construction professionals—interested in more detailed knowledge about shotcrete materials, equipment, and placement.

**CONTACT:** [www.shotcrete.org/events](http://www.shotcrete.org/events) | 248.848.3780 | [info@shotcrete.org](mailto:info@shotcrete.org)

# ACI'S SHOTCRETE NOZZLEMAN CERTIFICATION

# & ASA'S SHOTCRETE NOZZLEMAN EDUCATION

Owners, engineers, and architects need quality shotcrete placed on their projects. Because shotcrete is dependent on the skill of the nozzleman, experience and skills need to be demonstrated.

The American Concrete Institute (ACI) established the Shotcrete Nozzleman Certification program to establish a basic skill level of shotcrete nozzling. An owner or specifier can require the use of ACI Shotcrete Nozzleman Certification as part of their overall contractor qualification. The Nozzleman-in-Training (NIT) designation is available for beginning nozzlemen. Use of certification in concert with a comprehensive program to qualify contractors gives the owner and designer heightened confidence in the finished shotcrete product.

ASA is the primary sponsoring group for both Education and Testing sessions. ACI issues the individual shotcrete nozzleman credentials.

For program descriptions and details on how to arrange for an education and/or certification session, visit:

[www.Shotcrete.org/education](http://www.Shotcrete.org/education)

or

[www.ACICertification.org](http://www.ACICertification.org)



Phone: 248.848.3780  
E-mail: [info@shotcrete.org](mailto:info@shotcrete.org)  
Website: [www.shotcrete.org/events](http://www.shotcrete.org/events)



ANNOUNCING

# ACI'S SHOTCRETE INSPECTOR CERTIFICATION

# & ASA'S SHOTCRETE INSPECTOR EDUCATION



Shotcrete's growing use in construction and its reference in the newly released ACI 318-19, "Building Code Requirements for Structural Concrete," necessitates the employment of on-site inspectors who are knowledgeable about shotcrete materials, application, and quality. The ASA Shotcrete Inspector Education is an excellent review session for the material referenced in ACI's Shotcrete Inspector Certification Program and will count as part of the required work experience for certification. Look for a seminar near you, or request to host one!

## WHO:

- ACI Certified Construction Inspectors or Field Testing Technicians;
- Testing lab or third-party inspection firms responsible for monitoring shotcrete placement; and
- Building officials, owners, or suppliers desiring a more thorough understanding of the requirements for quality shotcrete placement.

## WHY:

- Gain insight to materials, equipment, and application techniques for quality shotcrete placement;
- Learn the visual clues essential to evaluate the quality of shotcrete placement; and
- Understand the ACI and ASTM specification requirements for materials, methods, testing, and protection for shotcrete placement.



Phone: 248.848.3780  
E-mail: [info@shotcrete.org](mailto:info@shotcrete.org)  
Website: [www.shotcrete.org/events](http://www.shotcrete.org/events)





## Shotcrete magazine

*Shotcrete*, the quarterly publication of ASA, is the leading magazine of the global shotcrete industry.

Combined readership of the printed and electronic versions is over 17,000 and reaches owners, designers, specifiers, and purchasers of shotcrete in over 100 countries. This full-color, award-winning magazine features:

- Case studies
- Technical articles
- News of the shotcrete industry
- New product information
- A host of other features



*Shotcrete* magazine is also available to all subscribers in an electronic format and for free on the ASA website.

*Shotcrete* magazine is designed to educate and promote the use of shotcrete as a method of placing concrete. For a complimentary subscription to *Shotcrete*, access article archives, or to find out about advertising opportunities, call 248.848.3780 or visit [www.Shotcrete.org](http://www.Shotcrete.org).

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## ASA Buyers Guide

The ASA Buyers Guide is available free at [www.Shotcrete.org/BuyersGuide](http://www.Shotcrete.org/BuyersGuide).

The ASA Buyers Guide provides an important tool for companies and individuals with shotcrete needs to reach our member companies who could serve them. Only companies who continually prove their commitment to the shotcrete process by supporting ASA as a Sustaining Corporate or Corporate Member have the opportunity to be listed in the ASA Buyers Guide.



This service receives over 5000 searches a year and enables users to search for companies based on products and/or services related to shotcrete across seven main categories:

- Admixtures
- Cement & Pozzolanic Materials
- Consulting
- Contractors
- Equipment
- Fibers and Reinforcement
- Shotcrete Materials/Mixtures

Searches can be further refined using over 100 subcategories and geographic criteria.



# FREE On-site Shotcrete Learning Seminars

## Learn more about the shotcrete process— for Architects, Engineers, Owners, and Specifiers

The shotcrete process offers numerous quality, efficiency, and sustainability advantages, but proper knowledge of the process is critical to the creation of a quality specification and for the success of any specifier/owner employing the process.

ASA On-site Learning Seminars are FREE to the host organization for five or more architects, engineers, or specifiers. If you work with firms that specify or might potentially specify shotcrete and would like them to become better informed about its benefits and proper use, please let them know about this opportunity to learn!

- Introduction to the Shotcrete
- Shotcrete for Underground Applications

ASA is a registered AIA/CES provider.

**Arrange for an ASA On-site Learning Seminar today!**

[info@shotcrete.org](mailto:info@shotcrete.org) or 248.848.3780

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## Products

### CCS-4(08): Shotcrete for the Craftsman

This 85-page publication describes and illustrates how to properly produce quality shotcrete. Beginning with an explanation of what shotcrete is, chapters cover equipment, materials, environmental conditions, inspection and surface preparation, placement principles and techniques, finishing and tolerances, safety, and testing.

Available in English and Spanish:

**English version Order Code: CCS408**

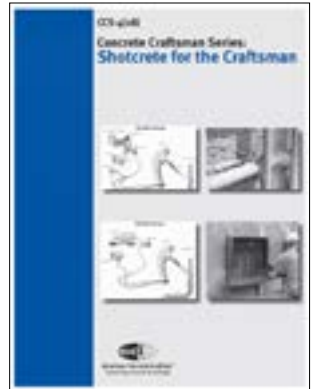
ASA Members: \$18.00

Nonmembers: \$30.00

**Spanish version Order Code: CCS408S**

ASA Members: \$18.00

Nonmembers: \$30.00



## Do you need a Shotcrete Contractor or Consultant for a Specific Project?



**SUBMIT YOUR  
PROJECT FOR A  
BID REQUEST**

Quality concrete placement via shotcrete by a knowledgeable and experienced shotcrete contractor with a commitment to quality is a critical factor in a successful shotcrete project.

The American Shotcrete Association has created a free online tool to allow owners and specifiers the opportunity to distribute their bid request to all ASA Corporate Members in one easy form!

ASA Corporate Members have the skill, knowledge, and experience that uniquely qualify them to fully offer the exceptional benefits of the shotcrete process.

Submit your project for a bid request from ASA's outstanding Sustaining Corporate and Corporate Members today:

[www.Shotcrete.org/ProjectBidRequest](http://www.Shotcrete.org/ProjectBidRequest)

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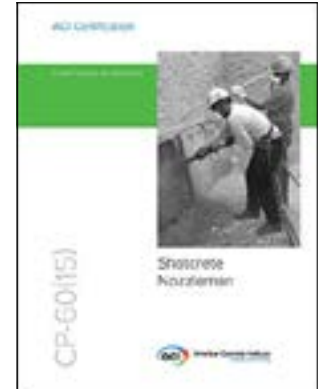


## CP-60(15): Craftsman Workbook for ACI Certification of Shotcrete Nozzlemen

This 124-page workbook contains information about the ACI Shotcrete Nozzlemans Certification program as well as the resources referenced by the certification examination. Includes a full reprint of ACI CCS-4 along with excerpts from the ACI Nozzlemans Certification policy.

**Contents:** Program Information, Resource Materials, Study Questions, Checklists

PLEASE NOTE: The technical content in this workbook is identical to that contained in the previous version, CP-60(09). For the purposes of studying for the ACI Certification examination, these books are interchangeable.



Available in English and Spanish:

**English version Order Code: CP60**

ASA Members: \$60.00

Nonmembers: \$85.00

**Spanish version Order Code: CP60S**

ASA Members: \$60.00

Nonmembers: \$85.00

## CP-61PACK: Shotcrete Inspector Reference Package

This package contains all of the resource materials needed to properly prepare for and take the examinations for certification as an ACI Shotcrete Inspector. The reference package contains:

- ACI 305R, "Guide to Hot Weather Concreting"
- ACI 305.1, "Specification for Hot Weather Concreting"
- ACI 306R, "Guide to Cold Weather Concreting"
- ACI 306.1, "Standard Specification for Cold Weather Concreting"
- ACI 506R, "Guide to Shotcrete"
- ACI 506.1R, "Guide to Fiber-Reinforced Shotcrete"
- ACI 506.2, "Specification for Shotcrete"
- ACI 506.4R, "Guide for the Evaluation of Shotcrete"
- ACI 506.6T, "Visual Shotcrete Core Quality Evaluation"
- ACI CCS-4, "Shotcrete for the Craftsman"
- ASTM C1140/C1140M, "Standard Practice for Preparing and Testing Specimens from Shotcrete Test Panels"
- ASTM C1604/C1140M, "Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete"
- ASA "Safety Guidelines for Shotcrete"



**Order Code: CP61PACK**

ASA Members: \$180

Nonmembers: \$195

## Guide to Shotcrete — ACI 506R-16

This guide is a companion document to ACI 506.2-13(18), "Specification for Shotcrete," and provides information on materials and properties of both dry-mix and wet-mix shotcrete. Most facets of the shotcrete process are covered, including application procedures, equipment requirements, and responsibilities of the shotcrete crew. Other aspects, such as preconstruction trials, craftsman qualification tests, materials tests, finished shotcrete acceptance tests, and equipment, are also discussed. 2016. 52 pp. Prepared by ACI Technical Committee 506.

**Order Code: 506R16**

ASA Members: \$49.00

Nonmembers: \$80.00

Shotcrete Package discount — ACI 506R-16 and ACI 506.2-13(18):

**Order Code: 506PACK**

ASA Members: \$59.00

Nonmembers: \$100.00



## Guide to Fiber-Reinforced Shotcrete — ACI 506.1R-08

This guide describes the technology and applications of fiber-reinforced shotcrete (FRS) using synthetic and steel fibers. Mechanical properties, particularly toughness, impact, and flexural strength, are improved by fiber addition. These improvements are described, along with other typical properties and benefits, such as control of shrinkage cracking. Proportions of typical mixtures, batching, mixing, and application procedures are described, including methods of reducing rebound and equipment used to apply FRS. Applications of FRS are described, including rock-slope stabilization work, construction and repair of tunnel and mining linings, fire explosive spalling-resistant linings, channel linings, pools and rockscapes, and structure repair. Available design information is briefly discussed, and design references are listed. 2008. 12 pp.  
Prepared by ACI Technical Committee 506.



**Order Code: 506108**      ASA Members: \$26.00      Nonmembers: \$43.00

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## Specification for Shotcrete — ACI 506.2-13(18)

This specification, which is written in the three-part CSI format, covers materials, proportioning, and the application of shotcrete. 2018. 12 pp.  
Prepared by ACI Technical Committee 506.

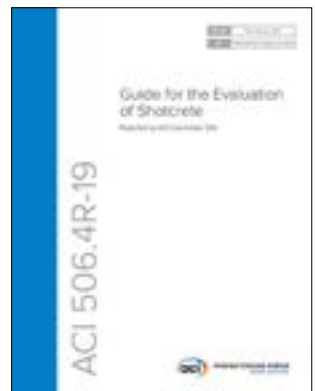


**Order Code: 506213**      ASA Members: \$30.00      Nonmembers: \$50.00

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## Guide for the Evaluation of Shotcrete — ACI 506.4R-19

This document serves as a guide for engineers, inspectors, contractors, and others involved in accepting, rejecting, or evaluating in-place dry- or wet-mix shotcrete. 2019. 18 pp.  
Prepared by ACI Technical Committee 506.



**Order Code: 506419**      ASA Members: \$30.00      Nonmembers: \$50.00

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## Guide for Specifying Underground Shotcrete — ACI 506.5R-09

This document provides a guide for owners, contractors, designers, and testing, specifying, and inspection organizations engaged in the application of shotcrete for underground support. The guide provides general information for the selection of constituent materials and methods to proportion shotcrete. Typical methods of batching, mixing, and handling of proportioned shotcrete materials are detailed along with shotcrete placement methods and equipment. 2009. 52 pp.  
Prepared by ACI Technical Committee 506.



**Order Code: 506509**      ASA Members: \$47.00      Nonmembers: \$80.00

## 506.6T-17: Visual Shotcrete Core Quality Evaluation Technote

During shotcrete construction, owners, architects, engineers, and contractors want to verify the quality of shotcrete being placed. Shotcrete cores are normally extracted from shotcrete sample panels or when needed from as-placed shotcrete for evaluation of shotcrete quality (ACI 506.4R). In addition to the routine tests such as compressive strength or other material quality tests required by project specification, visual examination of shotcrete cores by an experienced licensed design professional (LDP) is an important tool for evaluation of shotcrete quality.



**Order Code: 5066T17**      ASA Members: \$9.00      Nonmembers: \$14.00

## Annual Nozzleman Compilation ASA 2018

This black and white soft-cover book is a compilation of previously published articles of distinct interest to our shotcrete craftsmen from ASA's *Shotcrete* magazine, published annually.



**Order Code: ANC18**      ASA Members: \$9.00      Nonmembers: \$14.00

## Shotcrete Brochures

Streamlined and targeted to specific markets, ASA has developed a series of affordable four-page promotional brochures to help you promote shotcrete! All brochures include basic introduction to shotcrete information and have market-specific images.

Brochures are sold in bundles of 25.      Per bundle:    ASA Members: \$8.00    Nonmembers: \$15.00

Market Segment	Examples Included	Order Code
Architectural	Free-formed and curved structural sections, simulated rock	SBA
Ground Support	Tunnel linings, subway stations, soil nails, retaining walls, channels	SBGS
New Structures	Foundations, domes, tanks, channels, retaining walls, luge/bobsled runs	SBNS
Pools, Water Features, and Skateparks	Pools, skateparks, landscaping water features	SBPWS
Repair and Rehabilitation	Seismic retrofit, bridges, parking garages, historic restoration, dams	SBRR
Sampler Pack	Five (5) copies of each market segment	SB5



## Safety Guidelines for Shotcrete

“Safety Guidelines for Shotcrete” is intended as a guide to encourage personal safety considerations, but not to replace training and education programs or supervision by qualified individuals. Each shotcrete contractor has a responsibility to develop, maintain, and administer a company safety program appropriate for their operations.

Chapter topics in this document include:

- Personal Protective Equipment
- Communications
- Shotcrete Placement:  
Wet- and Dry-Mix Processes
- Lighting
- Back & Spine Safety
- Shotcrete Materials
- Shotcrete Equipment



This document is available in two formats:

Soft-cover (20 pages, full color, staple-bound) or PDF.

<b>English Soft-cover Order Code: SGS</b>	ASA Members: \$25.00	Nonmembers: \$100.00
<b>English PDF Order Code: SGSP</b>	ASA Members: \$25.00	Nonmembers: \$100.00
<b>Spanish Soft-cover Order Code: SGSS</b>	ASA Members: \$25.00	Nonmembers: \$100.00
<b>Spanish PDF Order Code: SGSSP</b>	ASA Members: \$25.00	Nonmembers: \$100.00

## ASA Baseball Cap

Khaki-colored baseball caps. Features a black and green embroidered ASA logo. One size fits all.



**Order Code: CAP**  
ASA Members: \$9.00  
Nonmembers: \$14.00

## ASA Hard Hat Sticker

2-1/2 x 1-3/4 in. Reflective.

**Order Code: STICKER**  
ASA Members: \$1.00  
Nonmembers: \$1.50



**Orders can be placed online at [www.Shotcrete.org/BookstoreNet/](http://www.Shotcrete.org/BookstoreNet/)**

### Customer Service

Get answers to your questions about bookstore prices and discounts, shipping and handling procedures, return policies, international orders, and other matters affecting your order.

E-mail customer service at [info@shotcrete.org](mailto:info@shotcrete.org).

To place phone orders and/or request expedited shipping, please call ASA at 248.848.3170.

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# BEFORE YOU POUR CONCRETE, LEARN MORE ABOUT SHOTCRETE.

Leading professionals choose shotcrete over form-and-pour concrete because of its many benefits:

- **Savings** in labor, material handling, and time
- **Versatility**, little or no forming allows you to create complex shapes
- **Sustainability** so you can feel even better about your choice

**Before you pour, learn more at [www.shotcrete.org](http://www.shotcrete.org)**

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[info@shotcrete.org](mailto:info@shotcrete.org)

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